beak

REPORT.107

PILOT WATERSHED STUDY
SOIL AND WATER ENVIRONMENTAL ENHANCEMENT PROGRAM

REPORT #6: EVALUATION OF CONSERVATION SYSTEMS, WATER QUALITY

Volume 3: Appendix C, D & E

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APPENDIX C

MICROBASIN SCALE WATER QUALITY DATA

ECB1 WATER CHEMISTRY

TSS and TP LOADINGS FOR ESSEX CONTROL MICROBASIN 1 (ECB1)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
3/29/89	1328	76	0.11
4/03/89	1200	41	0.15
4/04/89	1610	2.5	0.06
4/05/89	957	9	0.1
4/18/89	811	30	0.15
5/30/89	2200	1390	1.19
5/30/89	2300	2270	1.61
5/31/89	100	632	0.34
5/31/89	300	420	0.28
5/31/89	500	444	0.53
5/31/89	600	352	0.44
5/31/89	800	304	0.45
5/31/89	1100	76	0.27
5/31/89	1400	40	0.153
5/31/89	1800	68	0.157
5/31/89	2000	36	0.108
5/31/89	2100	666	0.77
5/31/89	2200	256	0.3
5/31/89	2300	672	0.8
6/01/89	200	106	0.182
6/01/89	800	52	0.148
6/01/89	1300	55	0.232
6/01/89	1500	160	0.084
6/02/89	100	630	0.063
6/02/89	300	352.5	0.41
6/02/89	400	328	0.43
6/02/89	500	200	0.24
6/02/89	800	60	0.122
4/10/90	1300	86	0.14
4/10/90	1500	60	0.12
4/10/90	1700	60	0.128
4/10/90	1900	62	0.143
4/11/90	500	40	0.118
4/11/90	1300	36	0.128
4/11/90	1900	30	0.1
4/11/90	2300	32	0.097
5/04/90	1600	80	0.113
5/04/90	1900	22	0.1
5/04/90	2200	30	0.108
5/05/90	100	12	0.067
5/05/90	400	8	0.037
5/05/90	700	4	0.033
5/05/90	1000	6	0.031
5/10/90	2300	44	0.133
5/13/90	700	70	0.001
5/13/90	1100	28	0.006
5/13/90	1300	24	0.007
5/13/90	1500	16	0.001
5/13/90	1700	10	0.008
5/13/90	1900	14	0.047
5/13/90	2300	14	0.007
5/16/90	830	350	0.48
5/16/90	1030	153	0.51
5/16/90	1230	51	0.21
5/16/90	1430	40	0.112
5/16/90	2030	23	0.082
5/17/90	830	30	0.072
5/17/90	1430	16	0.042
5/17/90	1630	14	0.041

TSS and TP LOADINGS FOR ESSEX CONTROL MICROBASIN 1 (ECB1)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
09/07/90	1000	180	0.44
09/07/90	1138	84	0.49
09/07/90	1451	52	0.34
09/07/90	1803	24	0.28
09/14/90	1530	300	0.42
09/14/90	1830	300	0.061
09/15/90	930	52	0.31
09/15/90	1230	52	0.25
09/16/90	330	710	0.81
09/16/90	630	530	0.76
09/16/90	1830	84	0.4
09/17/90	630	54	0.24
09/19/90	930	510	0.63
09/19/90	1130	340	0.52
09/19/90	1730	122	0.23
09/20/90	130	102	0.2
10/09/90	1200	48	0.111
10/09/90	1400	50	0.23
10/09/90	2400	18	0.169
10/10/90	1400	74	0.17
10/10/90	2400	71	0.3
10/11/90	600	30	0.21
10/11/90	1600	74	0.132
10/25/91	1900	160	0.26
10/26/91	100	10	0.113
10/26/91	700	3	0.194
10/26/91	1300	7	0.121
10/26/91	1900	7	0.094
10/27/91	400	3	0.07
19/11/91	1800	13	0.063
11/20/91	300	44	0.106
11/20/91	600	64	0.13
11/20/91	900	43	0.128
11/20/91	1800	15	0.065
11/21/91	900	<2	0.094
03/07/92	400	480	0.51
03/07/92	700	240	0.44
03/07/92	1000	48	0.195
03/07/92	2200	14	0.103
03/08/92	1300	10	0.088
03/10/92	1000	350	0.47
03/10/92	1600	55	0.28
03/10/92	1900	22	0.21
26/03/92	1006	18	0.055
26/03/92	1353	11	0.062
26/03/92	1739	13	0.067
26/03/92	2318	20	0.091
27/03/92	843	20	0.083
27/03/92	1200	27	0.119
27/03/92	2100	16	0.102

	TSS	TP
AVG	153.8257	0.230431
STD	291.8443	0.243694
MAX	2270	1.61
MIN	0	0.001

ECB2 WATER CHEMISTRY

TSS and TP LOADINGS FOR ESSEX CONTROL MICROBASIN 2 (ECB2)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
03/28/89	1630	10	<0.01
03/29/89	1209	<5	<0.01
03/30/89	1606	<5	<0.01
03/31/89	1008	<5	<0.01
04/03/89	1209	300	0.46
04/04/89	1615	125	0.004
04/05/89	1005	15	0.08
04/06/89	1016	<5	0.01
04/07/89	822	<5	0.174
04/12/89	1738	14	0.01
04/13/89	1053	60	0.01
04/18/89	817	137	0.42
04/19/89	834	7	0.039
05/30/89	2000	8	0.076
05/30/89	2100	2190	0.71
05/30/89	2200	860	0.39
05/31/89	100	284	0.28
05/31/89	400	132	0.21
05/31/89	700	188	0.38
05/31/89	1000	564	0.79
05/31/89	1400	216	0.4
05/31/89	1700	64	0.176
05/31/89	2000	380	0.142
05/31/89	2100	180	0.41
05/31/89	2300	172	0.01
06/01/89	400	104	0.18
06/01/89	800	48	0.135
06/01/89	1400	60	0.103
06/01/89	2300	48	0.076
88	100	128	0.112
06/02/89	200	444	0.35
06/02/89	400	180	0.183
06/02/89	700	108	0.135
06/02/89	1700	6	0.013
06/02/89	2300	8	0.024
04/10/90	500	2	0.036
04/10/90	900	24	0.023
04/10/90	1100	44	0.045
04/10/90	1300	52	0.067
04/10/90	1700	156	0.165
04/10/90	2100	300	0.34
04/11/90	100	190	0.36
04/11/90	500	122	0.31
04/11/90	1100	66	0.166
04/11/90	1300	72	0.166
04/11/90	1800	68	0.121
04/11/90	2400	44	0.101
04/12/90	1400	30	0.07
05/04/90	1300	142	0.156
05/04/90	1600	124	0.156
05/04/90	1900	86	0.128
05/04/90	2200	58	0.116
05/05/90	400	24	0.075
05/05/90	1600	16	0.045
05/06/90	1000	14	0.035
05/07/90	700	12	0.033
05/12/90	1300	4	0.021
05/12/90	1900	70	0.012
05/13/90	100	6	0.043

TSS and TP LOADINGS FOR ESSEX CONTROL MICROBASIN 2 (ECB2)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
05/13/90	500	112	0.33
05/13/90	900	840	0.83
05/13/90	1500	1010	1.41
05/13/90	2100	280	0.89
05/14/90	500	62	0.195
05/14/90	1600	30	0.06
05/15/90	1400	32	0.056
05/16/90	200	25	0.036
05/16/90	400	104	0.11
05/16/90	600	390	0.35
05/16/90	800	141	1.19
05/16/90	1030	1390	1.24
05/16/90	1230	1200	0.89
05/16/90	1430	1060	1.08
05/16/90	2230	200	0.29
05/17/90	630	68	0.111
05/17/90	830	335	0.35
05/17/90	1030	1180	1.07
05/17/90	1630	760	1.19
05/18/90	830	300	0.153
09/07/90	1000	220	0.34
09/07/90	1900	154	0.35
09/08/90	700	66	0.31
09/08/90	2200	54	0.2
10/12/90	800	90	0.102
05/31/91	2200	400	0.49
06/01/91	100	91	0.24
06/01/91	1000	60	0.21
06/01/91	1300	118	0.24
06/02/91	400	110	0.166
06/02/91	1300	61	0.146
06/02/91	2200	47	0.096
06/15/91	2100	420	0.48
06/15/91	2400	58	0.127
06/16/91	300	21	0.064
06/16/91	600	35	0.112
10/25/91	1300	24	0.03
10/25/91	1900	13	0.04
10/26/91	100	43	0.069
10/26/91	1000	22	0.046
10/26/91	1600	22	0.054
10/27/91	400	21	0.058
10/27/91	1000	19	0.096
10/27/91	1600	6	0.047
11/18/91	1800	54	0.065
11/19/91	900	9	0.021
11/19/91	1200	43	0.068
11/20/91	300	43	0.054
11/20/91	600	480	0.065
11/20/91	1200	39	0.122
11/20/91	2100	63	0.25
11/22/91	200	13	0.052
03/07/92	100	29	0.064
03/07/92	400	1110	1.17
03/07/92	700	350	0.53
03/07/92	1300	350	0.68
03/08/92	700	25	0.3
03/09/92	400	19	0.146
03/10/92	700	950	0.39

TSS and TP LOADINGS FOR ESSEX CONTROL MICROBASIN 2 (ECB2)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
03/10/92	1000	670	0.82
03/10/92	1900	200	0.65
03/25/92	2400	32	0.08
03/25/92	1800	159	0.28
03/25/92	1500	30	0.033
03/27/92	300	31	0.121
03/27/92	900	255	0.29
03/27/92	1200	205	0.31
03/27/92	2100	66	0.22
03/29/92	1400	12	0.046
03/30/92	1100	13	0.029

	TSS	TP
AVG	199.3023	0.248698
STD	331.9439	0.301122
MAX	2190	1.41
MIN	0	0

ETB1 WATER CHEMISTRY

TSS and TP LOADINGS FOR ESSEX TEST MICROBASIN 1 (ETB1)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
03/29/89	1247	3	0.06
03/30/89	1618	<5	0.02
04/03/89	1221	33	0.031
04/05/89	1022	<5	0.03
04/05/89	1552	<5	0.05
04/12/89	1702	116	0.1
04/18/89	929	5	0.071
05/30/89	2000	25	0.064
05/31/89	600	800	0.92
05/31/89	700	392	0.39
05/31/89	800	300	0.43
05/31/89	900	228	0.45
05/31/89	1000	136	0.46
05/31/89	1100	109	0.35
05/31/89	1200	100	0.29
05/31/89	1300	60	0.27
05/31/89	1400	66	0.26
05/31/89	1600	70	0.22
05/31/89	1805	764	0.99
06/01/89	1105	124	0.23
06/01/89	1229	432	0.48
06/01/89	1300	252	0.35
06/01/89	1400	102	0.184
06/01/89	1500	92	0.205
06/01/89	1600	59	0.189
06/01/89	1700	55	0.15
06/01/89	1800	22	0.102
06/01/89	1900	92	0.144
06/01/89	2000	23	0.078
06/01/89	2100	78	0.126
06/01/89	2200	38	0.096
06/01/89	2300	15	0.085
06/01/89	2400	5560	0.38
06/02/89	100	3718	0.41
06/02/89	200	3050	1.58
06/02/89	300	1835	3.1
06/02/89	400	730	1.05
06/02/89	500	448	0.77
06/02/89	600	272	0.49
06/02/89	700	192	0.32
04/10/90	300	600	0.61
04/10/90	1100	440	0.63
04/10/90	1500	840	0.114
04/10/90	1700	1080	0.155
04/10/90	1900	620	1
04/10/90	2100	360	0.78
04/11/90	100	118	0.29
04/11/90	700	18	0.56
04/11/90	1500	12	0.025
05/04/90	1600	2600	3.6
05/04/90	1900	740	1.05
05/04/90	2200	520	0.79
05/05/90	400	100	0.22
05/05/90	1000	28	0.068

TSS and TP LOADINGS FOR ESSEX TEST MICROBASIN 1 (ETB1)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
05/05/90	1300	19	0.037
05/05/90	1600	16	0.045
05/13/90	700	810	1.4
05/13/90	900	600	0.95
05/13/90	1100	480	0.77
05/13/90	1300	220	0.54
05/13/90	1700	72	0.35
05/15/90	2030	26	0.064
05/16/90	230	140	0.156
05/16/90	630	250	3
05/16/90	830	1480	1.75
05/16/90	1630	142	0.31
05/17/90	630	350	0.49
05/17/90	830	1660	2.5
09/07/90	1000	112	0.19
09/07/90	1152	34	0.25
09/07/90	1900	2	0.065
09/08/90	700	2	0.065
09/14/90	1530	610	1.16
09/14/90	1830	320	0.48
09/15/90	30	130	0.27
09/15/90	930	14	0.07
09/16/90	30	2	0.035
09/16/90	330	520	0.76
09/16/90	630	340	0.55
09/16/90	1830	38	0.195
09/17/90	930	14	0.059
09/19/90	930	156	0.155
09/19/90	330	70	0.064
09/19/90	630	230	0.33
09/19/90	1330	140	0.102
09/20/90	330	42	0.066
09/20/90	1330	66	0.066
10/9/90	1200	380	0.78
10/9/90	2400	174	0.44
10/10/90	200	330	0.66
10/10/90	800	210	0.38
10/10/90	1400	114	0.34
10/13/90	1600	110	0.057
10/14/90	1200	74	0.056
10/10/90	1600	270	0.93
10/11/90	200	126	0.28
10/12/90	1600	121	0.119
10/12/90	2000	83	0.114
05/31/91	2200	820	0.23
06/01/91	100	270	0.24
06/01/91	400	54	0.118
06/01/91	700	23	0.041
06/02/91	100	68	0.133
06/02/91	1300	24	0.157
06/02/91	1600	6	0.179
06/15/91	2100	89	0.3
06/15/91	2400	24	0.22
10/25/91	1600	43	0.108

TSS and TP LOADINGS FOR ESSEX TEST MICROBASIN 1 (ETB1)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
10/25/91	1900	3800	4.4
10/25/91	2200	570	0.84
10/26/91	100	106	0.29
11/18/91	1800	129	0.167
11/19/91	1200	75	0.147
11/19/91	2100	8	0.045
11/20/91	300	370	0.44
11/20/91	600	220	0.34
11/20/91	1200	20	0.063
11/20/91	2100	170	0.25
11/21/91	1500	<2	0.028
03/06/92	2200	460	0.037
03/07/92	700	133	0.23
03/07/92	1000	770	1.05
03/07/92	1600	64	0.31
03/07/92	2200	35	0.107
03/09/92	1300	6	0.029
03/10/92	1000	650	0.9
03/10/92	700	970	1.05
03/10/92	1600	28	0.28
03/25/92	2400	48	0.184
03/26/92	900	25	0.044
03/26/92	1500	52	0.07
03/26/92	1800	19	0.034
03/27/92	300	30	0.086
03/27/92	1200	50	0.123
03/27/92	1800	18	0.045
03/28/92	1200	12	0.031

	TSS	TP
AVG	366.3971	0.446051
STD	759.0284	0.667944
MAX	5560	4.4
MIN	0	0.02

ETB2 WATER CHEMISTRY

TSS and TP LOADINGS FOR ESSEX TEST MICROBASIN 2 (ETB2)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
03/28/89	1614	24	0.04
03/29/89	1253	<5	<0.01
03/30/89	1614	<5	0.02
03/31/89	1024	<5	<0.01
04/03/89	1218	39	0.099
04/04/89	1548	<5	0.03
04/06/89	1024	<5	<0.01
04/07/89	829	<5	0.007
04/12/89	1706	60	0.1
04/13/89	1104	NA	<0.01
04/14/89	1502	22	0.022
04/15/89	1017	5	<0.01
04/17/89	1056	40	0.07
04/18/89	826	5	0.01
04/19/89	843	<5	<0.01
04/20/89	829	31	0.042
05/30/89	2100	923	0.61
05/30/89	2200	196	0.155
05/30/89	2300	262	0.2
05/31/89	100	636	0.44
05/31/89	300	272	0.28
05/31/89	500	853	0.73
05/31/89	600	380	0.48
05/31/89	700	556	0.38
05/31/89	1100	2166	1.65
05/31/89	1200	2770	1.62
05/31/89	1500	1340	1.35
05/31/89	1700	84	0.24
05/31/89	1800	232	0.29
05/31/89	2200	5540	0.14
06/01/89	923	211	0.425
06/01/89	1505	106	0.17
06/01/89	1900	38	0.053
06/01/89	2300	29	0.066
06/01/89	2400	3840	1.25
06/02/89	100	1100	0.75
06/02/89	200	2200	1.26
06/02/89	400	2050	1.48
06/02/89	700	330	0.46
04/10/90	300	164	0.24
04/10/90	500	66	0.075
04/10/90	700	34	0.064
04/10/90	900	40	0.035
04/10/90	1300	138	0.168
04/10/90	1700	280	0.33
04/11/90	1100	26	0.066
04/11/90	1500	16	0.029
05/13/90	1500	590	0.007
05/13/90	1700	144	<0.001
05/13/90	1900	22	0.011
05/16/90	630	550	0.38
05/16/90	1630	34	0.78
05/17/90	830	160	0.143
05/17/90	1430	30	0.036

SS and TP LOADINGS FOR ESSEX TEST MICROBASIN 2 (ETB2)

DATE (d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
07/90	1000	650	0.76
07/90	1748	76	0.31
08/90	100	32	0.24
08/90	1000	54	0.174
14/90	1530	1000	0.83
14/90	1830	230	0.35
15/90	330	76	0.26
15/90	930	16	0.125
16/90	30	14	0.055
16/90	330	410	0.37
16/90	630	186	0.28
16/90	1530	78	0.18
17/90	630	18	0.084
19/90	630	42	0.083
19/90	1130	182	0.24
19/90	1330	105	0.23
19/90	2130	56	0.152
20/90	530	32	0.089
09/90	1400	72	0.23
09/90	2400	36	0.171
09/90	1200	79	0.23
10/90	1200	73	0.162
10/90	1600	99	0.132
10/90	1800	135	0.189
11/90	200	103	0.18
11/90	1200	121	0.116
31/91	2200	310	0.22
01/91	100	1310	1.27
01/91	400	250	0.83
01/91	700	81	0.31
02/91	1000	250	0.15
02/91	1300	33	0.18
26/91	1000	34	0.108
26/91	1900	28	0.079
26/91	2200	31	0.07
27/91	100	28	0.068
27/91	700	25	0.05
27/91	1000	8	0.031
20/91	600	52	0.087
20/91	1200	7	0.031
20/91	1800	16	0.038
20/91	2100	23	0.05
21/91	300	13	0.048
21/91	600	4	0.038
07/92	100	32	0.062
07/92	700	37	0.077
07/92	1000	83	0.139
08/92	100	23	0.085
08/92	400	13	0.055
10/92	700	101	0.148
10/92	1000	43	0.097
10/92	1900	15	0.116
25/92	2400	7	0.015
26/92	1200	8.6	0.05

TSS and TP LOADINGS FOR ESSEX TEST MICROBASIN 2 (ETB2)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
03/26/92	2100	14	0.082
03/27/92	300	22.4	0.042
03/27/92	1200	11	0.135
03/27/92	1500	25.2	0.12
03/27/92	2100	16.6	0.045

	TSS	TP
AVG	314.7239	0.251602
STD	765.0725	0.353755
MAX	5540	1.65
MIN	0	0

KCB1 WATER CHEMISTRY

TSS and TP LOADINGS FOR KETTLE CONTROL MICROBASIN 1 (KCB1)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
07/25/89	1420	410	1.05
07/25/89	1559	126	0.41
11/27/89	2312	58	0.3
01/18/90	1010	32	0.23
01/18/90	1110	32	0.21
01/18/90	1208	30	0.21
01/18/90	1410	30	0.193
01/18/90	1505	22	0.177
03/12/90	1225	166	0.04
03/12/90	1435	70	0.24
03/12/90	1435	62	0.196
03/12/90	1520	1	0.27
03/12/90	2025	38	0.169
03/13/90	930	1	0.091
03/13/90	1315	1	0.079
03/14/90	1020	28	0.076
04/10/90	1830	166	0.73
05/16/90	923	15	0.157
05/16/90	1048	19	0.157
05/16/90	1136	138	0.43
05/16/90	1345	103	0.38
05/17/90	917	1110	2.7
05/17/90	1117	400	1.15
05/17/90	1218	310	0.84
05/17/90	1328	195	0.57
05/17/90	1930	198	0.62
06/08/90	905	62	0.0005
06/23/90	1755	650	0.36
07/14/90	1247	560	1.05
07/14/90	1417	1120	1.48
07/30/90	1810	740	0.181
08/28/90	2002	490	0.54
09/14/90	1546	770	1.44
09/14/90	1632	500	1.32
09/14/90	1915	400	1.27
09/14/90	1955	370	1.05
10/04/90	844	500	1.19
10/04/90	930	450	0.28
10/04/90	1037	390	0.95
10/04/90	1159	260	0.79
10/09/90	513	1810	3.2
10/09/90	614	1020	2.1
10/09/90	714	880	2.3
10/09/90	858	380	1.27
10/09/90	1104	210	0.73
10/09/90	1807	184	0.56
10/09/90	1905	132	0.44
10/12/90	1313	590	1.27
10/12/90	1438	290	0.72
10/12/90	1650	330	0.8
10/12/90	1745	210	0.65
10/18/90	658	750	1.7
10/18/90	745	670	1.74
10/18/90	851	660	1.56
10/18/90	1022	550	1.31
10/18/90	1406	380	1.28
11/5/90	936	800	1.46
11/5/90	1033	630	1.44
11/5/90	1139	510	1.23
11/5/90	1256	950	1.78
11/5/90	1432	650	1.41

SS and TP LOADINGS FOR KETTLE CONTROL MICROBASIN 1 (KCB1)

ATE (d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
5/90	1721	490	1.16
5/90	1838	530	1.39
5/90	1934	460	1.14
5/90	2050	550	1.31
5/90	2203	420	1.08
5/90	2258	480	1.15
04/91	1503	56	0.22
04/91	1601	66	0.24
04/91	1840	78	0.3
02/91	1325	39	0.17
06/91	1040	1310	4.4
06/91	1144	1510	4.9
06/91	1736	290	0.84
06/91	1836	420	1
06/91	2044	740	1.86
06/91	2158	520	1.3
18/91	735	1350	0.151
18/91	904	1180	0.13
18/91	1011	810	0.083
18/91	1128	410	0.052
18/91	1345	280	0.151
18/91	1543	116	0.089
20/91	638	420	1.11
20/91	739	540	1.47
20/91	842	630	1.8
20/91	945	5.8	1.74
20/91	1045	520	1.67
25/91	1618	13	0.124
29/91	1500	11	0.104
29/91	1800	3	0.103
08/91	1658	7	0.114
09/91	936	4	0.099
17/92	1800	7	0.098
18/92	1256	3	0.086
21/92	1600	27	0.149
22/92	1552	11	0.12
28/92	1525	184	0.35
28/92	1615	270	1.05
28/92	1703	240	0.64
28/92	1818	25	0.31
03/92	1431	26	0.0123
03/92	1620	22	0.136
04/92	1432	17	0.115
05/92	1636	9	0.072
06/92	1405	10	0.071
06/92	1843	184	0.38
06/92	2112	280	0.81
06/92	2228	48	0.35
07/92	1025	91	0.25
07/92	2358	194	0.61
10/92	942	240	0.73
10/92	1042	530	0.59
10/92	1205	230	0.65
10/92	1356	26	0.37
10/92	1652	10	0.19
16/92	1654	41	0.49
16/92	1753	10400	110
16/92	1845	7200	13.5
16/92	2047	2500	5.4

TSS and TP LOADINGS FOR KETTLE CONTROL MICROBASIN 1 (KCB1)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L) TSS	TP (mg/L) TP
AVG		505.7733	1.845882
STD		1172.436	10.02233
MAX		10400	110
MIN		1	0.0005

KCB2 WATER CHEMISTRY

TSS and TP LOADINGS FOR KETTLE CONTROL MICROBASIN 2 (KCB2)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
04/03/89	1645	30	0.218
04/05/89	1743	2500	1.23
04/17/89	1700	126	0.51
07/25/89	1430	2900	3.8
07/25/89	1555	400	0.62
07/26/89	1113	52	0.74
10/10/89	1328	34	0.095
10/10/89	1625	44	0.059
11/09/89	1555	6	0.137
11/16/89	900	24	0.154
11/27/89	2300	810	1.38
01/18/90	1012	34	0.174
01/18/90	1113	36	0.156
01/18/90	1212	34	0.14
01/18/90	1412	36	0.148
01/18/90	1508	38	0.159
01/18/90	1810	24	0.13
03/12/90	1225	166	0.4
03/12/90	1510	154	0.4
03/12/90	2015	50	0.172
03/13/90	915	18	0.124
03/13/90	1320	10	0.137
03/13/90	1850	120	0.128
03/14/90	1000	8	0.109
03/16/90	1025	22	1.38
03/16/90	1200	28	0.48
03/19/90	1500	230	0.051
04/06/90	1050	1	0.02
04/10/90	1800	860	2.1
04/10/90	1925	390	1.39
04/11/90	850	18	0.1
04/11/90	1600	12	0.059
04/12/90	1649	4	0.024
04/13/90	1025	2	0.02
04/20/90	1830	82	0.184
04/20/90	1930	66	0.159
04/20/90	2020	56	0.145
04/21/90	750	28	0.093
04/21/90	920	20	0.076
05/16/90	818	550	1.05
05/16/90	920	250	0.77
05/16/90	1045	300	0.79
05/16/90	1140	290	0.82
05/16/90	1341	156	0.49
05/16/90	1518	85	0.32
05/16/90	1722	46	0.23
05/16/90	2143	33	0.163
05/17/90	915	193	0.47
05/17/90	1111	95	0.33
05/17/90	1215	82	0.28
05/17/90	1330	45	0.188
05/17/90	1522	134	0.3
05/17/90	1745	110	0.33
05/17/90	2000	44	0.161
05/18/90	905	17	0.075
06/08/90	834	1300	0.017
06/08/90	932	72	0.109
06/08/90	1005	40	0.14
06/23/90	1751	380	0.73
06/23/90	1821	187	0.45
06/23/90	1848	94	0.33

TSS and TP LOADINGS FOR KETTLE CONTROL MICROBASIN 2 (KCB2)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
07/14/90	1247	98	0.28
07/14/90	1414	16	0.126
07/30/90	1806	4	0.35
08/13/90	610	81	0.2
08/13/90	758	3	0.166
08/28/90	2005	56	0.33
08/29/90	728	22	0.22
09/06/90	1834	4	0.22
09/06/90	2015	6	0.177
09/07/90	835	27	0.27
09/14/90	1541	220	0.66
09/14/90	1628	130	0.97
09/14/90	1909	60	0.7
09/14/90	1957	64	0.54
10/04/90	842	176	0.41
10/04/90	925	92	0.28
10/04/90	1033	70	0.24
10/04/90	1154	32	0.136
10/04/90	1633	30	0.068
10/09/90	510	960	1.1
10/09/90	617	164	0.48
10/09/90	718	118	0.4
10/09/90	854	58	0.26
10/09/90	1110	28	0.162
10/09/90	1802	40	0.193
10/09/90	1900	42	0.188
10/10/90	1021	14	0.093
10/10/90	1715	36	0.104
10/12/90	1310	16	0.24
10/12/90	1434	188	0.45
10/12/90	1701	120	0.33
10/12/90	1740	80	0.28
10/18/90	654	330	0.91
10/18/90	742	390	1.08
10/18/90	849	220	0.88
10/18/90	1018	108	0.57
10/18/90	1402	32	0.21
11/05/90	925	280	1.21
11/05/90	1029	220	0.91
11/05/90	1134	136	0.68
11/05/90	1253	510	1.2
11/05/90	1439	96	0.55
11/05/90	1718	280	0.82
11/05/90	1835	410	1
11/05/90	1937	420	1.19
11/05/90	2044	490	1.41
11/05/90	2210	410	1.5
11/05/90	2300	390	1.36
11/06/90	1016	120	1.07
11/06/90	1241	108	0.92
02/04/91	1604	89	0.31
03/01/91	1945	10	0.081
03/02/91	1327	23	0.24
03/04/91	1315	4	0.041
03/06/91	1044	1220	4
03/06/91	1141	2200	4.9
03/06/91	1743	250	0.86
03/06/91	1840	570	1.43
03/06/91	2040	320	1.04
03/06/91	2202	210	0.77
03/07/91	845	12	0.22

TSS and TP LOADINGS FOR KETTLE CONTROL MICROBASIN 2 (KCB2)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
03/18/91	745	720	1.74
03/18/91	906	200	0.8
03/18/91	1015	200	0.149
03/18/91	1141	122	0.59
03/18/91	1341	54	0.51
03/18/91	1540	40	0.092
03/20/91	1050	<2	0.086
03/23/91	1048	46	0.21
04/08/91	2200	184	0.45
04/09/91	1510	1090	2.8
04/09/91	1529	800	0.9
04/09/91	2106	240	0.37
04/15/91	807	470	0.62
04/15/91	845	138	0.26
04/15/91	1119	87	0.26
04/15/91	1850	22	0.111
04/19/91	1640	46	0.196
04/20/91	635	230	0.6
04/20/91	735	310	0.8
04/20/91	838	200	0.81
04/20/91	937	142	0.66
04/20/91	1041	92	0.54
05/26/91	755	43	0.47
11/23/91	2016	32	0.174
11/29/91	1330	36	0.138
11/29/91	1915	16	0.13
12/07/91	1815	10	0.123
12/09/91	903	7	0.096
11/23/91	2016	30	0.16
11/29/91	1330	41	0.133
11/29/91	1915	10	0.125
12/08/92	1430	21	0.173
12/08/92	1655	17	0.169
02/17/92	1812	9	0.096
02/18/92	1222	25	0.117
02/21/92	1438	35	0.182
02/22/92	1605	6	0.17
02/28/92	1513	53	0.188
02/28/92	1613	46	0.33
02/28/92	1706	20	0.34
02/28/92	1812	12	0.3
03/03/92	1435	18	0.097
03/04/92	1438	19	0.094
03/05/92	1640	14	0.096
03/06/92	1400	6	0.066
03/06/92	1839	160	0.28
03/06/92	2105	25	0.27
03/06/92	2225	14	0.24
03/07/92	1555	13	0.127
03/07/92	2155	19	0.163
03/07/92	2220	30	0.146
03/10/92	938	44	0.186
03/10/92	1038	40	0.29
03/10/92	1209	18	0.26
03/10/92	1351	8	0.24
03/10/92	1648	4	0.179
04/16/92	1458	23	0.13
04/16/92	1657	94	0.146
04/16/92	1745	1970	4.2
04/16/92	1840	1270	3.5
04/16/92	2043	146	1.15

TSS and TP LOADINGS FOR KETTLE CONTROL MICROBASIN 2 (KCB2)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
		TSS	TP
AVG		200.6885	0.530913
STD		405.4076	0.737239
MAX		2900	4.9
MIN		0	0.017

KTB1 WATER CHEMISTRY

TSS and TP LOADINGS FOR KETTLE TEST MICROBASIN 1 (KTB1)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
03/12/90	1520	1	0.27
03/13/90	1400	6	0.22
03/13/90	1830	4	0.069
05/16/90	835	580	1.87
05/16/90	945	310	1.05
05/16/90	1058	220	0.9
05/16/90	1130	200	0.77
05/16/90	1350	13	0.75
05/16/90	1620	103	0.55
05/17/90	925	198	0.92
05/17/90	1123	98	0.64
06/08/90	845	670	1.12
06/08/90	1035	160	0.52
06/23/90	1800	400	1.18
06/23/90	1837	220	0.66
06/23/90	1910	160	0.55
07/14/90	1305	250	0.81
09/14/90	1558	1090	2.5
09/14/90	1658	320	1.08
09/14/90	1939	102	0.7
10/04/90	850	134	0.7
10/09/90	525	810	2.4
10/09/90	608	400	1.34
10/09/90	655	240	0.89
10/12/90	1339	140	0.72
10/12/90	1513	118	0.7
10/12/90	1644	114	0.31
10/18/90	704	390	1.41
10/18/90	749	400	1.41
10/18/90	858	250	1.01
10/18/90	1041	104	0.63
11/05/90	941	240	1.09
11/05/90	1038	340	1.39
11/05/90	1145	260	1.19
11/05/90	1302	710	2.1
11/05/90	1410	420	1.63
11/05/90	1726	300	1.28
11/05/90	1843	340	1.78
11/05/90	1928	410	1.41
11/05/90	2059	780	2.5
11/05/90	2156	410	1.39
11/05/90	2250	240	1.02
02/04/91	1540	11	0.24
02/04/91	1835	15	0.3
03/06/91	1059	2600	5.9
03/06/91	1151	2500	5.9
03/06/91	1726	490	1.3
03/06/91	1825	1500	4.1
03/06/91	2051	440	1.35
03/06/91	2148	410	0.92
03/18/91	803	2000	4.8
03/18/91	859	910	2.2
03/18/91	1004	500	1.44
03/18/91	1131	270	0.83
04/09/91	1535	1030	4.5
04/15/91	1125	230	0.87
04/15/91	1138	610	1.92
04/20/91	648	370	1.22
04/20/91	648*	370	1.22
04/20/91	750	460	1.38
04/20/91	848	270	0.93

TSS and TP LOADINGS FOR KETTLE TEST MICROBASIN 1 (KTB1)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
04/20/91	1015	103	0.51
02/28/92	1535	13	0.23
02/28/92	1824	38	0.26
02/28/92	1728	35	0.26
03/06/92	1850	10	0.144
03/06/92	2120	50	0.28
03/06/92	2235	37	0.25
03/07/92	2323	27	0.21
03/08/92	0005	23	0.19
03/10/92	858	36	0.25
03/10/92	1145	35	0.26
03/10/92	1000	32	0.22
03/10/92	1332	17	0.181
04/16/92	1634	36	0.28
04/16/92	1755	3500	8.7
04/16/92	1852	1220	2.9
04/16/92	2055	290	1.13

	TSS	TP
AVG	424.9103	1.320564
STD	608.9712	1.457847
MAX	3500	8.7
MIN	1	0.069

KTB2 WATER CHEMISTRY

TSS and d TP LOA INGS FOR KETTLE TEST MICROBASIN 2 (KTB2)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
01/18/90	1020	22	0.1
01/18/90	1122	20	0.095
01/18/90	1220	22	0.097
01/18/90	1417	12	0.103
01/18/90	1515	18	0.084
01/18/90	1715	4	0.071
01/18/90	1815	12	0.065
03/12/90	1235	166	0.22
03/12/90	1530	134	0.177
03/12/90	2010	48	0.135
03/13/90	850	8	0.068
03/13/90	1340	6	0.073
03/14/90	845	<2	0.051
03/16/90	1220	440	0.111
04/10/90	1855	68	0.121
04/10/90	1940	44	0.101
05/16/90	1040	60	0.25
05/16/90	1145	81	0.27
05/16/90	1335	87	0.28
05/16/90	1538	23	0.154
05/17/90	910	300	0.61
05/17/90	1105	105	0.37
05/17/90	1225	53	0.191
06/08/90	937	260	0.54
06/23/90	1747	2400	2.9
06/23/90	1816	1100	1.68
06/23/90	1901	290	0.49
06/23/90	1920	184	0.36
07/14/90	1231	1110	0.186
09/06/90	1550	1450	16.3
09/06/90	1640	590	9.6
09/06/90	1904	176	2.5
09/06/90	2001	102	1.85
10/04/90	838	168	0.71
10/04/90	920	66	0.5
10/09/90	505	6600	6.3
10/09/90	627	950	2
10/09/90	724	290	1.05
10/09/90	828	260	0.83
10/09/90	1740	740	0.81
10/09/90	1852	128	0.46
10/12/90	1305	660	1.39
10/12/90	1429	470	1.05
10/12/90	1730	84	0.35
10/18/90	650	1440	3.5
10/18/90	736	1730	3.9
10/18/90	842	1710	2.3
10/18/90	1113	290	0.89
10/18/90	1108	148	0.6
10/18/90	1355	40	0.24
11/05/90	930	800	0.72
11/05/90	1025	1210	0.93
11/05/90	1127	510	1.27
11/05/90	1247	650	1.24
11/05/90	1445	460	1.02
11/05/90	1712	990	1.9
11/05/90	1829	1180	2.4
11/05/90	1918	790	1.59
11/05/90	2030	1130	2.3
11/05/90	2038	2200	3.5
11/05/90	2219	340	0.88

TSS and d TP LOA INGS FOR KETTLE TEST MICROBASIN 2 (KTB2)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
11/05/90	2307	260	0.68
02/04/91	1516	85	0.27
02/04/91	1612	26	0.15
02/04/91	1900	5	0.146
03/02/91	1306	38	0.155
03/06/91	1053	<2	2.6
03/06/91	1136	1410	3
03/06/91	1750	188	0.43
03/06/91	1845	460	0.98
03/06/91	2035	173	0.44
03/06/91	2209	118	0.31
03/18/91	755	970	2.2
03/18/91	912	280	0.61
03/18/91	1025	166	0.4
03/18/91	1146	84	0.24
03/18/91	1334	49	0.157
04/09/91	1502	1430	3.1
04/09/91	1524	2700	7.1
04/09/91	1554	900	2.4
04/09/91	2111	1540	3
04/15/91	838	1350	3
04/15/91	1147	1020	2.7
04/20/91	630	600	1.28
04/20/91	719	410	1.01
04/20/91	832	360	0.84
04/20/91	927	170	0.4
04/20/91	1033	104	0.28
02/22/92	1610	3	0.038
02/28/92	1546	14	0.068
02/28/92	1636	26	0.151
02/28/92	1717	36	0.21
02/28/92	1830	26	0.21
03/03/92	1605	3	0.075
03/06/92	1855	19	0.123
03/06/92	2159	40	0.21
03/06/92	2249	14	0.094
03/07/92	2305	25	0.088
03/07/92	2349	38	0.172
03/09/92	932	17	0.086
03/10/92	1030	75	0.33
03/10/92	1214	41	0.186
03/10/92	1343	11	0.103
03/10/92	1710	7	0.045
04/16/92	1450	66	0.3
04/16/92	1741	3700	6
04/16/92	1835	960	2
04/16/92	2035	147	0.66

	TSS	TP
AVG	514.75	1.239444
STD	876.5285	2.137352
MAX	6600	16.3
MIN	0	0.038

PCB1 WATER CHEMISTRY

TSS and TP Loadings for Pittock Control Microbasin #1 (PCB1)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
11/15/89	1200	1100	0.88
01/17/90	1120	220	0.37
01/17/90	1545	18	0.082
01/24/90	1620	14	0.098
01/25/90	1405	240	0.48
01/25/90	1700	650	1.41
02/09/90	1134	54	0.2
02/22/90	900	230	0.177
02/22/90	1045	360	0.34
02/22/90	1250	630	0.58
02/22/90	1445	72	0.156
02/22/90	1645	46	0.116
03/09/90	1530	144	0.25
03/12/90	925	26	0.149
03/12/90	1345	112	0.35
05/13/90	845	24	0.705
11/05/90	1420	430	0.084
11/05/90	1710	74	0.046
11/05/90	1935	64	0.093
11/05/90	2115	52	0.31
02/19/91	1322	95	0.22
02/19/91	1427	27	0.152
03/06/91	1645	17	0.19
03/06/91	2237	13	0.18
03/18/91	910	95	0.32
03/18/91	1027	9	0.045
03/27/91	1915	38	0.038
04/09/91	1545	430	1.25
04/09/91	1602	480	1.09
04/09/91	1614	230	1.37
03/10/92	922	71	0.114
03/10/92	1115	20	0.046
03/10/92	1203	18	0.045
03/10/92	1310	11	0.126
03/10/92	1402	6	0.07

	TSS	TP
AVG	174.8571	0.346629
STD	238.1537	0.386611
MAX	1100	1.41
MIN	6	0.038

PCB2 WATER CHEMISTRY

TSS and TP LOADINGS FOR PITTOCK CONTROL MICROBASIN 2 (PCB2)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
06/26/89	1200	<5	0.01
02/22/90	1635	30	0.191
03/12/90	1435	48	0.181
05/16/90	1040	250	0.071
11/05/90	2105	40	0.6
11/05/90	2200	38	0.74
03/06/91	1639	19	0.26
03/06/91	2222	25	0.193
03/06/91	2232	18	
03/19/91	1033	5	0.075
03/27/91	1920	62	0.094
03/28/91	732	142	0.27
03/28/91	923	122	0.34
03/28/91	1050	106	0.31
03/09/92	1912	107	0.181
03/10/92	916	8	0.073
03/10/92	1107	7	0.069
03/10/92	1159	11	0.072
03/10/92	1302	4	0.094
03/10/92	1357	5	0.078
03/10/92	1454	<2	0.063
04/16/92	1210	131	0.23
04/16/92	1254	280	0.32
04/16/92	1335	230	0.27
04/16/92	1413	153	0.21
04/16/92	1456	38	0.107
04/16/92	1538	50	0.107

	TSS	TP
AVG	71.44444	0.200346
STD	79.33349	0.164599
MAX	280	0.74
MIN	0	0.01

PTB1 WATER CHEMISTRY

TSS and TP LOADINGS FOR PITTOCK TEST MICROBASIN 1 (PTB1)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
01/17/90	1145	40	0.147
01/24/90	1609	30	0.172
01/25/90	1610	108	0.36
02/09/90	1120	42	0.36
02/22/90	1010	24	0.21
02/22/90	1230	18	0.165
02/22/90	1415	40	0.26
02/22/90	1615	14	0.115
03/09/90	1230	22	0.22
03/09/90	1440	110	0.41
03/12/90	930	52	0.285
03/12/90	1520	40	0.34
04/10/90	1615	84	0.28
04/20/90	1728	14	0.064
05/13/90	935	32	0.15
05/16/90	1108	280	1.04
05/16/90	1118	25	0.185
07/09/90	901	36	0.35
07/30/90	1549	6	0.34
10/04/90	740	16	0.147
10/04/90	947	6	0.3
10/04/90	1052	14	0.23
10/04/90	1200	4	0.21
10/04/90	1355?	6	0.173
10/04/90	1355	4	0.2
10/04/90	1543	6	0.071
10/09/90	710	8	0.198
10/09/90	804	8	0.164
10/09/90	1036	8	0.147
10/09/90	1320	7	0.13
10/09/90	1847	8	0.117
10/10/90	732	4	0.088
10/11/90	706	10	0.067
10/11/90	828	6	0.062
10/11/90	1049	4	0.062
10/12/90	1547	8	0.096
10/18/90	636	12	0.19
10/18/90	728	12	0.26
10/18/90	809	8	0.33
10/18/90	915	4	0.173
10/18/90	953	8	0.153
10/18/90	1125	2	0.128
10/18/90	1255	4	0.122
10/18/90	1501	6	0.102
10/18/90	1808	8	0.107
11/05/90	1337	26	0.158
11/05/90	1437	8	0.31
11/05/90	1540	6	0.2
11/05/90	1725	172	0.86
11/05/90	1952	164	0.78
11/05/90	2150	124	0.74
11/06/90	810	18	0.27
11/06/90	941	14	0.195
11/06/90	1304	8	0.22
11/28/90	1128	10	0.108
02/06/91	1340	18	0.24
02/19/91	1400	23	0.165
03/06/91	1626	185	2.6
03/06/91	2243	24	1.81
03/18/91	925	<2	0.17
03/19/91	1056	9	0.076

TSS and TP LOADINGS FOR PITTOCK TEST MICROBASIN 1 (PTB1)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
03/27/91	1933	85	0.076
03/28/91	937	58	0.111
03/28/91	1102	41	0.096
04/09/91	1508	250	0.72
04/09/91	1524	86	0.4
04/09/91	1550	42	0.42
04/15/91	854	75	0.24
10/25/91	903	8	0.079
10/25/91	1008	12	0.115
10/25/91	1118	3	0.1
10/25/91	1215	<2	0.079
10/25/91	1315	<2	0.091
10/25/91	1408	<2	0.092
10/25/91	1509	<2	0.062
10/25/91	1639	<2	0.092
11/15/91	955	39	0.133
11/15/91	1057	38	0.2
11/15/91	1147	8	0.091
11/15/91	1256	<2	0.056
11/15/91	1405	5	0.118
11/15/91	1455	12	0.071
11/15/91	1535	9	0.1
11/28/91	1201	5	0.052
11/28/91	1242	5	0.146
11/28/91	1322	2	0.1
11/29/91	1430	<2	0.04
12/07/91	1320	18	0.166
12/07/91	1410	20	0.132
12/07/91	1455	7	0.092
12/07/91	1550	<2	0.007
12/07/91	1605	2	0.113
02/19/92	1250	43	0.151
02/19/92	1340	18	0.08
02/21/92	1123	132	0.24
03/06/92	1047	48	0.149
03/06/92	1214	6	0.061
03/06/92	1330	4	0.057
03/06/92	1443	3	0.067
03/07/92	932	3	0.111
03/07/92	1155	10	0.115
03/07/92	1338	10	0.112
03/07/92	1534	8	0.124
03/07/92	1633	8	0.132
03/09/92	1935	4	0.059
03/10/92	858	3	0.065
03/10/92	1046	4	0.062
03/10/92	1146	3	0.07
03/10/92	1252	4	0.076
03/10/92	1344	<2	0.077
03/10/92	1444	3	0.09
04/16/92	1229	7	0.139
04/16/92	1305	4	0.129
04/16/92	1350	8	0.117
04/16/92	1428	10	0.123
04/16/92	1512	6	0.127
04/16/92	1551	6	0.123

	TSS	TP
AVG	27.36752	0.217333
STD	47.48398	0.313102

TSS and TP LOADINGS FOR PITTOCK TEST MICROBASIN 1 (PTB1)

DATE	TIME	TSS	TP	
n/d/yr)	(EST)	(mg/L)	(mg/L)	
AX			280	2.6
N			0	0.007

PTB2 WATER CHEMISTRY

TSS and TP LOADINGS FOR PITTOCK TEST MICROBASIN 2 (PTB2)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
01/17/90	1526	10	0.074
01/17/90	1700	74	0.145
01/25/90	1620	60	0.143
02/09/90	1125	18	0.14
02/22/90	1430	18	0.069
02/22/90	1625	20	0.073
03/12/90	857	10	0.082
03/12/90	1505	30	0.062
10/09/90	715	20	0.195
10/09/90	814	42	0.235
10/09/90	1041	28	0.191
10/09/90	1315	20	0.165
10/10/90	725	6	0.083
10/11/90	815	2	0.069
10/11/90	1043	3	0.065
10/11/90	1305	6	0.061
10/12/90	1824	4	0.042
10/18/90	720	18	0.058
10/18/90	805	12	0.163
10/18/90	805?	32	0.26
10/18/90	950	42	0.28
10/18/90	1121	38	0.26
10/18/90	1239	32	0.23
10/18/90	1455	22	0.21
10/18/90	1814	12	0.167
11/05/90	1330	40	0.2
11/05/90	1430	65	0.42
11/05/90	1535	260	0.77
11/05/90	1718	180	0.61
11/05/90	1945	150	0.49
11/05/90	2145	132	0.44
11/06/90	820	36	0.25
11/06/90	948	24	0.26
11/06/90	1310	20	0.24
11/06/90	1515	16	0.21
11/22/90	1135	200	0.6
11/22/90	1551	76	0.24
11/28/90	1128	60	0.149
11/28/90	1306	62	0.124
03/06/91	1632	143	0.38
03/06/91	2225	196	0.48
03/07/91	840	13	0.158
03/18/91	919	92	0.25
03/18/91	1034	171	0.44
03/18/91	1200	183	0.45
03/18/91	1417	133	0.3
03/18/91	1639	64	0.189
03/19/91	1044	4	0.112
03/27/91	1929	830	0.079
03/28/91	743	830	0.077
03/28/91	930	560	0.058
03/28/91	1057	400	0.015
04/09/91	1520	2100	4.3
04/09/91	1537	2500	7.1
04/09/91	1554	3200	9.1
04/09/91	1621	1760	5.8
04/09/91	1635	1670	5.1
04/09/91	1658	2300	4.7
04/09/91	1715	1540	3.9
04/15/91	1008	118	0.25
04/15/91	1152	1190	3.5

TSS and TP LOADINGS FOR PITTOCK TEST MICROBASIN 2 (PTB2)

DATE (m/d/yr)	TIME (EST)	TSS (mg/L)	TP (mg/L)
04/15/91	1312	780	2.2
04/15/91	1510	740	2.7
02/19/92	1200	375	0.75
02/19/92	1333	14	0.024
02/21/92	1017	55	0.126
03/06/92	1030	<2	0.168
03/06/92	1209	2	0.083
03/06/92	1325	<2	0.106
03/06/92	1452	<2	0.101
03/07/92	943	<2	0.23
03/07/92	1152	3	0.21
03/07/92	1348	<2	0.179
03/07/92	1540	6	0.174
03/07/92	1625	3	0.196
03/09/92	1922	10	0.175
03/10/92	908	4	0.142
03/10/92	1057	14	0.121
03/10/92	1152	22	0.099
03/10/92	1258	16	0.107
03/10/92	1350	8	0.153
03/10/92	1449	8	0.125
04/16/92	1221	160	0.51
04/16/92	1300	220	0.74
04/16/92	1344	240	0.74
04/16/92	1420	260	0.77
04/16/92	1506	220	0.7
04/16/92	1545	225	0.72

	TSS	TP
AVG	287.2955	0.768318
STD	607.1541	1.613223
MAX	3200	9.1
MIN	0	0.015

MICROBASIN WATER QUALITY
STATISTICAL SUMMARIES

Essex Statistical Summary January - December 1989

	station etb1	station etb2	station ecb1	station ecb2
Total Suspended Solids (mg/L)				
Sample Size	40	38	28	35
Average	510.1	693.6	347.4	201.5
Median	101.0	151.0	180.0	104.0
Standard Deviation	1129.3	1212.8	486.6	392.2
Minimum	2.5	2.5	2.5	2.5
Maximum	5560.0	5540.0	2270.0	2190.0
Lower Quartile	36.8	22.5	54.2	9.0
Upper Quartile	323.0	798.8	426.0	184.0
Coeff. of Variation	2.2	1.7	1.4	1.9
Total Phosphorus (mg/L)				
Sample Size	40	39	28	35
Average	0.399	0.383	0.353	0.186
Median	0.245	0.155	0.236	0.135
Standard Deviation	0.547	0.502	0.358	0.203
Minimum	0.020	0.005	0.060	0.004
Maximum	3.100	1.650	1.610	0.790
Lower Quartile	0.099	0.026	0.141	0.012
Upper Quartile	0.435	0.470	0.433	0.315
Coeff. of Variation	1.371	1.310	1.015	1.091

Essex Statistical Summary January - December 1990

	station etb1	station etb2	station ecb1	station ecb2
Total Suspended Solids (mg/L)				
Sample Size	58	41	54	49
Average	330.6	152.9	98.6	241.4
Median	141.0	76.0	50.5	86.0
Standard Deviation	461.6	205.9	144.9	359.1
Minimum	2.0	14.0	4.0	2.0
Maximum	2600.0	1000.0	710.0	1390.0
Lower Quartile	67.0	34.0	24.0	44.0
Upper Quartile	425.0	160.0	83.0	220.0
Coeff. of Variation	1.4	1.3	1.5	1.5

Essex Statistical Summary January - December 1991

	station etb1	station etb2	station ecb1	station ecb2
Total Suspended Solids (mg/L)				
Sample Size	21	18	6	27
Average	328.1	139.1	31.7	86.5
Median	75.0	29.5	7.0	43.0
Standard Deviation	822.1	307.3	62.9	128.7
Minimum	1.0	4.0	3.0	6.0
Maximum	3800.0	1310.0	160.0	480.0
Lower Quartile	24.0	17.8	4.0	21.5
Upper Quartile	220.0	73.8	9.2	62.0
Coeff. of Variation	2.5	2.2	2.0	1.5
Total Phosphorus (mg/L)				
Sample Size	21	18	6	27
Average	0.416	0.203	0.142	0.130
Median	0.179	0.075	0.117	0.069
Standard Deviation	0.930	0.326	0.071	0.122
Minimum	0.028	0.031	0.070	0.021
Maximum	4.400	1.270	0.260	0.490
Lower Quartile	0.118	0.049	0.099	0.054
Upper Quartile	0.290	0.173	0.176	0.156
Coeff. of Variation	2.235	1.603	0.502	0.941

Essex Statistical Summary January - June 1992

	station etb1	station etb2	station ecb1	station ecb2
Total Suspended Solids (mg/L)				
Sample Size	17	15	8	18
Average	198.2	30.1	152.4	250.3
Median	48.0	22.4	51.5	112.5
Standard Deviation	309.6	27.4	181.6	332.7
Minimum	6.0	7.0	10.0	12.0
Maximum	970.0	101.0	480.0	1110.0
Lower Quartile	25.0	13.5	20.0	29.2
Upper Quartile	133.0	34.5	267.5	326.2
Coeff. of Variation	1.6	0.9	1.2	1.3
Total Phosphorus (mg/L)				
Sample Size	17	15	8	18
Average	0.271	0.085	0.287	0.342
Median	0.107	0.082	0.245	0.285
Standard Deviation	0.360	0.040	0.167	0.316
Minimum	0.029	0.015	0.088	0.029
Maximum	1.050	0.148	0.510	1.170
Lower Quartile	0.044	0.053	0.172	0.090
Upper Quartile	0.280	0.118	0.447	0.495
Coeff. of Variation	1.327	0.477	0.581	0.924

Kettle Statistical Summary January - December 1989

	station ktb1	station ktb2	station kcb1	station kcb2
Total Suspended Solids (mg/L)				
Sample Size	0	0	3	11
Average	0.0	0.0	198.0	629.6
Median	0.0	0.0	126.0	52.0
Standard Deviation	0.0	0.0	186.7	1055.4
Minimum	0.0	0.0	58.0	6.0
Maximum	0.0	0.0	410.0	2900.0
Lower Quartile	0.0	0.0	92.0	32.0
Upper Quartile	0.0	0.0	268.0	605.0
Coeff. of Variation	0.0	0.0	0.9	1.7
Total Phosphorus (mg/L)				
Sample Size	0	0	3	11
Average	0.000	0.000	0.587	0.813
Median	0.000	0.000	0.410	0.510
Standard Deviation	0.000	0.000	0.405	1.090
Minimum	0.000	0.000	0.300	0.059
Maximum	0.000	0.000	1.050	3.800
Lower Quartile	0.000	0.000	0.355	0.146
Upper Quartile	0.000	0.000	0.730	0.985
Coeff. of Variation	0.000	0.000	0.690	1.341

Kettle Statistical Summary January - December 1990

	station ktb1	station ktb2	station kcb1	station kcb2
Total Suspended Solids (mg/L)				
Sample Size	39	59	61	97
Average	294.0	575.9	410.7	151.4
Median	240.0	184.0	380.0	80.0
Standard Deviation	244.0	987.0	353.6	209.7
Minimum	1.0	1.0	1.0	1.0
Maximum	1090.0	6600.0	1810.0	1300.0
Lower Quartile	126.0	56.5	132.0	30.0
Upper Quartile	370.0	765.0	590.0	188.0
Coeff. of Variation	0.8	1.7	0.9	1.4
Total Phosphorus (mg/L)				
Sample Size	39	59	61	97
Average	1.064	1.387	0.908	0.452
Median	0.920	0.600	0.800	0.280
Standard Deviation	0.609	2.563	0.691	0.429
Minimum	0.069	0.051	0.001	0.017
Maximum	2.500	16.300	3.200	2.100
Lower Quartile	0.680	0.166	0.270	0.148
Upper Quartile	1.390	1.490	1.310	0.680
Coeff. of Variation	0.572	1.848	0.761	0.949

Kettle Statistical Summary January - December 1991

	station ktb1	station ktb2	station kcb1	station kcb2
Total Suspended Solids (mg/L)				
Sample Size	17	24	26	38
Average	734.6	437.8	435.7	235.8
Median	460.0	180.5	350.0	90.5
Standard Deviation	778.7	488.4	465.6	414.7
Minimum	11.0	1.0	3.0	1.0
Maximum	2600.0	1540.0	1510.0	2200.0
Lower Quartile	270.0	84.8	43.2	31.5
Upper Quartile	910.0	675.0	607.5	225.0
Coeff. of Variation	1.1	1.1	1.1	1.8
Total Phosphorus (mg/L)				
Sample Size	17	24	26	38
Average	2.055	1.125	0.932	0.665
Median	1.350	0.525	0.230	0.340
Standard Deviation	1.857	1.085	1.272	0.990
Minimum	0.240	0.146	0.052	0.041
Maximum	5.900	3.000	4.900	4.900
Lower Quartile	0.920	0.278	0.116	0.141
Upper Quartile	2.200	2.250	1.428	0.793
Coeff. of Variation	0.904	0.964	1.366	1.489

ettle Statistical Summary January - June 1992

	station ktb1	station ktb2	station kcb1	station kcb2
Total Suspended Solids (mg/L)				
ample Size	16	19	27	28
verage	337.4	275.9	845.4	147.9
Median	35.5	26.0	48.0	21.5
tandard Deviation	894.9	856.5	2383.2	428.3
inimum	10.0	3.0	3.0	4.0
Maximum	3500.0	3700.0	10400.0	1970.0
Lower Quartile	26.0	14.0	19.5	13.8
pper Quartile	41.0	53.5	240.0	44.5
oeff. of Variation	2.7	3.1	2.8	2.9
otal Phosphorus (mg/L)				
Sample Size	16	19	27	28
verage	0.984	0.582	5.094	0.485
edian	0.255	0.172	0.350	0.184
Standard Deviation	2.170	1.384	21.137	0.975
inimum	0.144	0.038	0.012	0.066
aximum	8.700	6.000	110.000	4.200
ower Quartile	0.218	0.090	0.128	0.129
Upper Quartile	0.280	0.255	0.645	0.282
oeff. of Variation	2.205	2.377	4.150	2.010

Pittock Statistical Summary January - December 1990

	station ptb1	station ptb2	station pcb1	station pcb2
Total Suspended Solids (mg/L)				
Sample Size	52	37	19	5
Average	28.2	50.8	182.1	81.2
Median	12.0	30.0	74.0	40.0
Standard Deviation	39.4	59.4	200.0	94.6
Minimum	2.0	2.0	14.0	30.0
Maximum	172.0	260.0	650.0	250.0
Lower Quartile	7.8	18.0	49.0	38.0
Upper Quartile	30.5	60.0	235.0	48.0
Coeff. of Variation	1.4	1.2	1.1	1.2
Total Phosphorus (mg/L)				
Sample Size	52	37	19	5
Average	0.259	0.224	0.316	0.357
Median	0.197	0.195	0.200	0.191
Standard Deviation	0.266	0.171	0.321	0.294
Minimum	0.062	0.042	0.046	0.071
Maximum	1.720	0.770	1.410	0.740
Lower Quartile	0.127	0.083	0.107	0.181
Upper Quartile	0.289	0.260	0.360	0.600
Coeff. of Variation	1.025	0.762	1.018	0.825

Pittock Statistical Summary January - December 1991

	station ptb1	station ptb2	station pcb1	station pcb2
Total Suspended Solids (mg/L)				
Sample Size	32	20	9	7
Average	22.9	674.3	106.0	67.7
Median	8.5	298.0	38.0	62.0
Standard Deviation	37.0	839.7	140.3	55.9
Minimum	1.0	4.0	9.0	5.0
Maximum	185.0	3200.0	430.0	142.0
Lower Quartile	1.0	129.2	17.0	18.5
Upper Quartile	27.5	830.0	95.0	114.0
Coeff. of Variation	1.6	1.2	1.3	0.8
Total Phosphorus (mg/L)				
Sample Size	32	20	9	6
Average	0.251	1.467	0.418	0.225
Median	0.100	0.340	0.190	0.265
Standard Deviation	0.528	2.323	0.514	0.113
Minimum	0.007	0.015	0.038	0.075
Maximum	2.600	9.100	1.370	0.340
Lower Quartile	0.079	0.147	0.152	0.135
Upper Quartile	0.165	2.325	0.320	0.300
Coeff. of Variation	2.103	1.584	1.228	0.501

ittock Statistical Summary January - June 1992

	station ptb1	station ptb2	station pcb1	station pcb2
Total Suspended Solids (mg/L)				
ample Size	23	23	5	9
verage	15.0	62.2	25.2	81.1
Median	6.0	8.0	18.0	38.0
tandard Deviation	28.1	108.2	26.2	104.7
inimum	1.0	1.0	6.0	1.0
aximum	132.0	375.0	71.0	280.0
Lower Quartile	3.5	2.5	11.0	8.0
pper Quartile	10.0	38.5	20.0	107.0
oeff. of Variation	1.9	1.7	1.0	1.3
otal Phosphorus (mg/L)				
Sample Size	23	23	5	9
verage	0.104	0.261	0.080	0.141
edian	0.111	0.168	0.070	0.107
Standard Deviation	0.043	0.244	0.038	0.095
Minimum	0.057	0.024	0.045	0.063
aximum	0.240	0.770	0.126	0.320
ower Quartile	0.068	0.114	0.046	0.073
Upper Quartile	0.124	0.220	0.114	0.181
oeff. of Variation	0.411	0.933	0.473	0.672

ESSEX TEST MICROBASIN WATER QUALITY LOADS

/charg~/1100./data/loadsmicro/etb1.flow90.out Tue Feb 16 14:05:46 1993

TOTAL DAILY DISCHARGE FOR 1990 Essex Test Microbasin 1 (ETB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	0	---	---	---	---	---	---	---	3
4	---	---	---	0	0	---	---	---	---	0	---	---	4
5	---	---	---	0	0	---	---	---	---	0	---	---	5
6	---	---	---	0	0	---	---	---	---	0	---	---	6
7	---	---	---	---	0	---	---	---	0.720	0	---	---	7
8	---	---	---	---	0	---	---	---	0	0	---	---	8
9	---	---	---	0	0	---	---	---	---	188	---	---	9
10	---	---	---	109	0	---	---	---	---	277	---	---	10
11	---	---	---	2.52	0	---	---	---	---	15.1	---	---	11
12	---	---	---	0	0	---	---	---	---	1.80	---	---	12
13	---	---	---	0	16.9	---	---	---	---	0	---	---	13
14	---	---	---	9.00	1.44	---	---	---	376	0	---	---	14
15	---	---	0	0	0	28.4	---	---	81.4	0	---	---	15
16	---	---	1.44	0	127	4.32	---	---	3.96	---	---	---	16
17	---	---	0	---	20.2	59.0	---	---	18.4	---	---	---	17
18	---	---	0	0	0	2.16	---	---	0	---	---	---	18
19	---	---	0	0	---	0	---	---	96.1	---	---	---	19
20	---	---	0	10.8	---	---	---	---	0	---	---	---	20
21	---	---	0	5.76	---	---	---	---	---	---	---	---	21
22	---	---	0	0	---	---	---	---	---	---	---	---	22
23	---	---	---	0	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	0	---	---	---	---	---	---	---	---	25
26	---	---	---	0	---	---	---	---	---	---	---	---	26
27	---	---	---	0	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	1.44#	137#	165#	94.0#	---	---	576#	482#	---	---	TOTAL
MEAN	---	---	0.180	6.89	10.4	18.8	---	---	64.1	40.2	---	---	MEAN
ST.D.	---	---	0.509	24.4	31.8	25.3	---	---	122	92.0	---	---	ST.D.
MAX	---	---	1.44	109	127	59.0	---	---	376	277	---	---	MAX
MIN	---	---	0	0	0	0	---	---	0	0	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	0.0272	2.07	2.40	1.11	---	---	7.10	5.23	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 1458
DRAINAGE AREA (hectares), 5.3

Watershed: Essex Test Microbasin 1 (ETB1) Area: 5. hectares

Daily Total Suspended Solids Loads for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	0	---	---	---	---	---	---	---	3
4	---	---	---	0	0.0005*	---	---	---	---	0	---	---	4
5	---	---	---	0	0.0006*	---	---	---	---	0	---	---	5
6	---	---	---	0	0	---	---	---	---	0	---	---	6
7	---	---	---	---	0	---	---	---	0.0005*	0	---	---	7
8	---	---	---	---	0	---	---	---	0.0002*	0	---	---	8
9	---	---	---	0	0	---	---	---	---	0.0875	---	---	9
10	---	---	---	0.0257*	0	---	---	---	---	0.113*	---	---	10
11	---	---	---	0.0006*	0	---	---	---	---	0.0014*	---	---	11
12	---	---	---	0	0	---	---	---	---	0.0004*	---	---	12
13	---	---	---	0	0.0027*	---	---	---	---	0.0002*	---	---	13
14	---	---	---	0.0007	0.0001	---	---	---	0.229*	0.0002*	---	---	14
15	---	---	0	0	0.0002*	0.0047	---	---	0.0148*	0	---	---	15
16	---	---	0.0000	0	0.0481*	0.0002	---	---	0.0007*	---	---	---	16
17	---	---	0	---	0.0032*	0.0151	---	---	0.0043*	---	---	---	17
18	---	---	0	0	0	0.0001	---	---	0	---	---	---	18
19	---	---	0	0	---	0	---	---	0.0302*	---	---	---	19
20	---	---	0	0.0010	---	---	---	---	0.0003*	---	---	---	20
21	---	---	0	0.0003	---	---	---	---	---	---	---	---	21
22	---	---	0	0	---	---	---	---	---	---	---	---	22
23	---	---	---	0	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	0	---	---	---	---	---	---	---	---	25
26	---	---	---	0	---	---	---	---	---	---	---	---	26
27	---	---	---	0	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	0.0000#	0.0283#	0.0553#	0.0201#	---	---	0.279#	0.203#	---	---	TOTAL
MEAN	---	---	0	0.0014	0.0035	0.0040	---	---	0.0311	0.0169	---	---	MEAN
ST.D.	---	---	0.0000	0.0057	0.0119	0.0065	---	---	0.0748	0.0394	---	---	ST.D.
MAX	---	---	0.0000	0.0257	0.0481	0.0151	---	---	0.229	0.113	---	---	MAX
MIN	---	---	0	0	0	0	---	---	0	0	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	0.0009	0.485	0.907	0.285	---	---	4.31	2.14	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.586

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 8419.6250 B1= 1.5984 A2= 0.0000 B2= 0.0000 R^2= 0.5322 N= 54.

Watershed: Essex Test Microbasin 1 (ETB1) Area: 5. hectares

Daily Total Phosphorous Loadings for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	0	---	---	---	---	---	---	---	3
4	---	---	---	0	0.0011*	---	---	---	---	0	---	---	4
5	---	---	---	0	0.0015*	---	---	---	---	0	---	---	5
6	---	---	---	0	0	---	---	---	---	0	---	---	6
7	---	---	---	---	0	---	---	---	0.0011*	0	---	---	7
8	---	---	---	---	0	---	---	---	0.0004*	0	---	---	8
9	---	---	---	0	0	---	---	---	---	0.122	---	---	9
10	---	---	---	0.0436*	0	---	---	---	---	0.165*	---	---	10
11	---	---	---	0.0013*	0	---	---	---	---	0.0030*	---	---	11
12	---	---	---	0	0	---	---	---	---	0.0009*	---	---	12
13	---	---	---	0	0.0057*	---	---	---	---	0.0004*	---	---	13
14	---	---	---	0.0016	0.0002	---	---	---	0.297*	0.0004*	---	---	14
15	---	---	0	0	0.0004*	0.0088	---	---	0.0266*	0	---	---	15
16	---	---	0.0001	0	0.0717*	0.0006	---	---	0.0017*	---	---	---	16
17	---	---	0	---	0.0060*	0.0249	---	---	0.0074*	---	---	---	17
18	---	---	0	0	0	0.0002	---	---	0	---	---	---	18
19	---	---	0	0	---	0	---	---	0.0468*	---	---	---	19
20	---	---	0	0.0023	---	---	---	---	0.0007*	---	---	---	20
21	---	---	0	0.0008	---	---	---	---	---	---	---	---	21
22	---	---	0	0	---	---	---	---	---	---	---	---	22
23	---	---	---	0	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	0	---	---	---	---	---	---	---	---	25
26	---	---	---	0	---	---	---	---	---	---	---	---	26
27	---	---	---	0	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	0.0001#	0.0496#	0.0865#	0.0345#	---	---	0.381#	0.291#	---	---	TOTAL
MEAN	---	---	0.0000	0.0025	0.0054	0.0069	---	---	0.0424	0.0243	---	---	MEAN
ST.D.	---	---	0.0001	0.0097	0.0178	0.0107	---	---	0.0967	0.0564	---	---	ST.D.
MAX	---	---	0.0001	0.0436	0.0717	0.0249	---	---	0.297	0.165	---	---	MAX
MIN	---	---	0	0	0	0	---	---	0	0	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	0.0028	0.822	1.35	0.470	---	---	5.60	3.11	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.844

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 5.1561 B1= 1.4263 A2= 0.0000 B2= 0.0000 R^2= 0.6093 N= 54.

TOTAL DAILY DISCHARGE FOR 1991 Essex Test Microbasin 1 (ETB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	0	1
2	---	---	---	---	---	---	---	---	---	---	---	0	2
3	---	---	---	---	---	---	---	---	---	---	---	8.64	3
4	---	---	---	---	---	---	---	---	---	---	---	0	4
5	---	---	---	---	---	---	---	---	---	---	---	0	5
6	---	---	---	---	---	---	---	---	---	---	---	0	6
7	---	---	---	---	---	---	---	---	---	---	---	0	7
8	---	---	---	---	---	---	---	---	---	---	---	0	8
9	---	---	---	---	---	---	---	---	---	---	---	2.52	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	0	---	14
15	---	---	---	---	---	---	---	---	---	---	0	---	15
16	---	---	---	---	---	---	---	---	---	---	0	---	16
17	---	---	---	---	---	---	---	---	---	---	0	---	17
18	---	---	---	---	---	---	---	---	---	---	0.720	---	18
19	---	---	---	---	---	---	---	---	---	---	6.12	---	19
20	---	---	---	---	---	---	---	---	---	---	55.1	---	20
21	---	---	---	---	---	---	---	---	---	---	10.8	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	2.88	---	29
30	---		---	---	---	---	---	---	---	---	3.60	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	79.2#	11.2#	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	7.92	1.24	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	16.9	2.90	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	55.1	8.64	MAX
MIN	---	---	---	---	---	---	---	---	---	---	0	0	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	---	---	---	---	---	---	1.04	0.163	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 90.4
DRAINAGE AREA (hectares), 5.3

Watershed: Essex Test Microbasin 1 (ETB1) Area: 5. hectares

Daily Total Suspended Solids Loads for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	0	1
2	---	---	---	---	---	---	---	---	---	---	---	0	2
3	---	---	---	---	---	---	---	---	---	---	---	0.0001	3
4	---	---	---	---	---	---	---	---	---	---	---	0	4
5	---	---	---	---	---	---	---	---	---	---	---	0	5
6	---	---	---	---	---	---	---	---	---	---	---	0	6
7	---	---	---	---	---	---	---	---	---	---	---	0	7
8	---	---	---	---	---	---	---	---	---	---	---	0	8
9	---	---	---	---	---	---	---	---	---	---	---	0	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	0	---	14
15	---	---	---	---	---	---	---	---	---	---	0	---	15
16	---	---	---	---	---	---	---	---	---	---	0	---	16
17	---	---	---	---	---	---	---	---	---	---	0	---	17
18	---	---	---	---	---	---	---	---	---	---	0.0000*	---	18
19	---	---	---	---	---	---	---	---	---	---	0.0001*	---	19
20	---	---	---	---	---	---	---	---	---	---	0.0074*	---	20
21	---	---	---	---	---	---	---	---	---	---	0.0001*	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	0	---	29
30	---		---	---	---	---	---	---	---	---	0	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	0.0077#	0.0001#	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	0.0008	0	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	0.0023	0.0000	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	0.0074	0.0001	MAX
MIN	---	---	---	---	---	---	---	---	---	---	0	0	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	0.140	0.0014	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0078

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= ********** B1= 3.2102 A2= 0.0000 B2= 0.0000 R^2= 0.4498 N= 8.

Watershed: Essex Test Microbasin 1 (ETB1) Area: 5. hectares

Daily Total Phosphorous Loadings for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	0	1
2	---	---	---	---	---	---	---	---	---	---	---	0	2
3	---	---	---	---	---	---	---	---	---	---	---	0.0004	3
4	---	---	---	---	---	---	---	---	---	---	---	0	4
5	---	---	---	---	---	---	---	---	---	---	---	0	5
6	---	---	---	---	---	---	---	---	---	---	---	0	6
7	---	---	---	---	---	---	---	---	---	---	---	0	7
8	---	---	---	---	---	---	---	---	---	---	---	0	8
9	---	---	---	---	---	---	---	---	---	---	---	0.0000	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	0	---	14
15	---	---	---	---	---	---	---	---	---	---	0	---	15
16	---	---	---	---	---	---	---	---	---	---	0	---	16
17	---	---	---	---	---	---	---	---	---	---	0	---	17
18	---	---	---	---	---	---	---	---	---	---	0.0002*	---	18
19	---	---	---	---	---	---	---	---	---	---	0.0005*	---	19
20	---	---	---	---	---	---	---	---	---	---	0.0119*	---	20
21	---	---	---	---	---	---	---	---	---	---	0.0006*	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	0.0000	---	29
30	---		---	---	---	---	---	---	---	---	0.0000	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	0.0133#	0.0004#	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	0.0013	0.0000	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	0.0037	0.0001	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	0.0119	0.0004	MAX
MIN	---	---	---	---	---	---	---	---	---	---	0	0	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	0.225	0.0074	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0137

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 1368.5663 B1= 2.2621 A2= 0.0000 B2= 0.0000 R^2= 0.6548 N= 8.

TOTAL DAILY DISCHARGE FOR 1992 Essex Test Microbasin 1 (ETB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	18.7	---	---	---	---	---	---	---	---	---	25
26	---	---	106	---	---	---	---	---	---	---	---	---	26
27	---	---	83.2	---	---	---	---	---	---	---	---	---	27
28	---	---	5.76	---	---	---	---	---	---	---	---	---	28
29	---	---	0	---	---	---	---	---	---	---	---	---	29
30	---		0	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	214#	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	35.8	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	47.0	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	106	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	0	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	2.02	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 214
DRAINAGE AREA (hectares), 5.3

Watershed: Essex Test Microbasin 1 (ETB1) Area: 5. hectares

Daily Total Suspended Solids Loads for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	0.0005	---	---	---	---	---	---	---	---	---	25
26	---	---	0.0037*	---	---	---	---	---	---	---	---	---	26
27	---	---	0.0026*	---	---	---	---	---	---	---	---	---	27
28	---	---	0.0001*	---	---	---	---	---	---	---	---	---	28
29	---	---	0	---	---	---	---	---	---	---	---	---	29
30	---		0	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	0.0069#	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	0.0012	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	0.0016	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	0.0037	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	0	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	0.0706	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0069

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 516.9979 B1= 1.4041 A2= 0.0000 B2= 0.0000 R^2= 0.7199 N= 8.

Watershed: Essex Test Microbasin 1 (ETB1) Area: 5. hectares

Daily Total Phosphorous Loadings for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	0.0011	---	---	---	---	---	---	---	---	---	25
26	---	---	0.0072*	---	---	---	---	---	---	---	---	---	26
27	---	---	0.0054*	---	---	---	---	---	---	---	---	---	27
28	---	---	0.0004*	---	---	---	---	---	---	---	---	---	28
29	---	---	0	---	---	---	---	---	---	---	---	---	29
30	---		0	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	0.0142#	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	0.0024	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	0.0031	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	0.0072	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	0	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	0.136	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0142

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.1552 B1= 1.1227 A2= 0.0000 B2= 0.0000 R^2= 0.5035 N= 8.

/charge/4100./data/loadsmicro/etb2.flow89.out Tue Feb 16 14:06:06 1993

TOTAL DAILY DISCHARGE FOR 1989 Essex Test Microbasin 2 (ETB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	6.84	---	---	---	---	---	---	1
2	---	---	---	---	---	58.3	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	2.16	---	---	---	---	---	---	---	30
31	---		---		140		---	---		---		---	31
TOTAL	---	---	---	---	142#	65.2#	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	71.1	32.6	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	97.5	36.4	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	140	58.3	---	---	---	---	---	---	MAX
MIN	---	---	---	---	2.16	6.84	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	2.30	0.956	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 207
DRAINAGE AREA (hectares), 6.1

Watershed: Essex Test Microbasin 2 (ETB2) Area: 6. hectares

Daily Total Suspended Solids Loads for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.0028*	---	---	---	---	---	---	1
2	---	---	---	---	---	0.0474*	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	0.0018*	---	---	---	---	---	---	---	30
31	---		---		0.119*		---	---		---		---	31
TOTAL	---	---	---	---	0.121#	0.0503#	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	0.0604	0.0251	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	0.0829	0.0316	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	0.119	0.0474	---	---	---	---	---	---	MAX
MIN	---	---	---	---	0.0018	0.0028	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	1.95	0.778	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.171

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 16677.6641 B1= 1.5192 A2= 0.0000 B2= 0.0000 R^2= 0.5490 N= 20.

Watershed: Essex Test Microbasin 2 (ETB2) Area: 6. hectares

Daily Total Phosphorous Loadings for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.0028*	---	---	---	---	---	---	1
2	---	---	---	---	---	0.0405*	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	0.0018*	---	---	---	---	---	---	---	30
31	---		---		0.1000*		---	---		---		---	31
TOTAL	---	---	---	---	0.102#	0.0433#	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	0.0509	0.0217	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	0.0695	0.0267	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	0.1000	0.0405	---	---	---	---	---	---	MAX
MIN	---	---	---	---	0.0018	0.0028	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	1.64	0.665	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.145

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 8.9169 B1= 1.4397 A2= 0.0000 B2= 0.0000 R^2= 0.6826 N= 20.

/charge/4100./data/loadsmicro/etb2.flow90.out Tue Feb 16 14:06:16 1993

TOTAL DAILY DISCHARGE FOR 1990 Essex Test Microbasin 2 (ETB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	2.16	---	---	---	---	---	---	2
3	---	---	---	---	0	---	---	---	---	---	---	---	3
4	---	---	---	---	0	---	---	---	---	---	---	---	4
5	---	---	---	---	0	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	855	---	---	---	7
8	---	---	---	---	---	---	---	---	32.0	---	---	---	8
9	---	---	---	0	---	---	---	---	---	---	---	---	9
10	---	---	---	3.24	---	---	---	---	---	---	---	---	10
11	---	---	---	5.40	0	---	---	---	---	---	---	---	11
12	---	---	---	0	0	---	---	---	---	---	---	---	12
13	---	---	---	---	0.360	---	---	---	---	---	---	---	13
14	---	---	---	---	0	---	---	---	---	---	---	---	14
15	---	---	---	---	0	---	---	---	---	---	---	---	15
16	---	---	---	---	66.2	---	---	---	---	---	---	---	16
17	---	---	---	---	16.2	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	0	---	---	---	18
19	---	---	---	---	---	---	---	---	565	---	---	---	19
20	---	---	---	---	---	---	---	---	20.5	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		32.4		---	---		---		---	31
TOTAL	---	---	---	8.64#	115#	2.16#	---	---	1473#	---	---	---	TOTAL
MEAN	---	---	---	2.16	10.5	2.16	---	---	294	---	---	---	MEAN
ST.D.	---	---	---	2.65	21.2	---	---	---	393	---	---	---	ST.D.
MAX	---	---	---	5.40	66.2	2.16	---	---	855	---	---	---	MAX
MIN	---	---	---	0	0	2.16	---	---	0	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	---	0.0885	1.09	0.0354	---	---	14.0	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 1599
DRAINAGE AREA (hectares), 6.1

Watershed: Essex Test Microbasin 2 (ETB2) Area: 6. hectares

Daily Total Suspended Solids Loads for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	0.0001	---	---	---	---	---	---	2
3	---	---	---	---	0	---	---	---	---	---	---	---	3
4	---	---	---	---	0	---	---	---	---	---	---	---	4
5	---	---	---	---	0	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	0.159*	---	---	---	7
8	---	---	---	---	---	---	---	---	0.0027*	---	---	---	8
9	---	---	---	0	---	---	---	---	---	---	---	---	9
10	---	---	---	0.0005*	---	---	---	---	---	---	---	---	10
11	---	---	---	0.0003*	0	---	---	---	---	---	---	---	11
12	---	---	---	0	0	---	---	---	---	---	---	---	12
13	---	---	---	---	0.0003*	---	---	---	---	---	---	---	13
14	---	---	---	---	0	---	---	---	---	---	---	---	14
15	---	---	---	---	0	---	---	---	---	---	---	---	15
16	---	---	---	---	0.0057*	---	---	---	---	---	---	---	16
17	---	---	---	---	0.0009*	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	0	---	---	---	18
19	---	---	---	---	---	---	---	---	0.0879*	---	---	---	19
20	---	---	---	---	---	---	---	---	0.0015*	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		0.0037		---	---		---		---	31
TOTAL	---	---	---	0.0008#	0.0107#	0.0001#	---	---	0.251#	---	---	---	TOTAL
MEAN	---	---	---	0.0002	0.0010	0.0001	---	---	0.0502	---	---	---	MEAN
ST.D.	---	---	---	0.0003	0.0019	---	---	---	0.0713	---	---	---	ST.D.
MAX	---	---	---	0.0005	0.0057	0.0001	---	---	0.159	---	---	---	MAX
MIN	---	---	---	0	0	0.0001	---	---	0	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	0.0082	0.0942	0.0015	---	---	2.60	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.262

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 621.6522 B1= 1.3175 A2= 0.0000 B2= 0.0000 R^2= 0.8022 N= 22.

Watershed: Essex Test Microbasin 2 (ETB2) Area: 6. hectares

Daily Total Phosphorous Loadings for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	0.0001	---	---	---	---	---	---	2
3	---	---	---	---	0	---	---	---	---	---	---	---	3
4	---	---	---	---	0	---	---	---	---	---	---	---	4
5	---	---	---	---	0	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	0.360*	---	---	---	7
8	---	---	---	---	---	---	---	---	0.0035*	---	---	---	8
9	---	---	---	0	---	---	---	---	---	---	---	---	9
10	---	---	---	0.0005*	---	---	---	---	---	---	---	---	10
11	---	---	---	0.0003*	0	---	---	---	---	---	---	---	11
12	---	---	---	0	0	---	---	---	---	---	---	---	12
13	---	---	---	---	0.0003*	---	---	---	---	---	---	---	13
14	---	---	---	---	0	---	---	---	---	---	---	---	14
15	---	---	---	---	0	---	---	---	---	---	---	---	15
16	---	---	---	---	0.0078*	---	---	---	---	---	---	---	16
17	---	---	---	---	0.0008*	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	0	---	---	---	18
19	---	---	---	---	---	---	---	---	0.177*	---	---	---	19
20	---	---	---	---	---	---	---	---	0.0018*	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		0.0061		---	---		---		---	31
TOTAL	---	---	---	0.0008#	0.0150#	0.0001#	---	---	0.542#	---	---	---	TOTAL
MEAN	---	---	---	0.0002	0.0014	0.0001	---	---	0.108	---	---	---	MEAN
ST.D.	---	---	---	0.0002	0.0028	---	---	---	0.160	---	---	---	ST.D.
MAX	---	---	---	0.0005	0.0078	0.0001	---	---	0.360	---	---	---	MAX
MIN	---	---	---	0	0	0.0001	---	---	0	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	0.0080	0.127	0.0013	---	---	5.90	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.558

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 3.1534 B1= 1.5339 A2= 0.0000 B2= 0.0000 R^2= 0.7419 N= 22.

TOTAL DAILY DISCHARGE FOR 1991 Essex Test Microbasin 2 (ETB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	0	---	14
15	---	---	---	---	---	---	---	---	---	---	0	---	15
16	---	---	---	---	---	---	---	---	---	---	0	---	16
17	---	---	---	---	---	---	---	---	---	---	0	---	17
18	---	---	---	---	---	---	---	---	---	---	0	---	18
19	---	---	---	---	---	---	---	---	---	---	0	---	19
20	---	---	---	---	---	---	---	---	---	---	38.9	---	20
21	---	---	---	---	---	---	---	---	---	---	5.40	---	21
22	---	---	---	---	---	---	---	---	---	---	0	---	22
23	---	---	---	---	---	---	---	---	---	---	0	---	23
24	---	---	---	---	---	---	---	---	---	---	0	---	24
25	---	---	---	---	---	---	---	---	---	---	0	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	44.3#	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	3.69	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	11.2	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	38.9	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	0	---	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	---	---	---	---	---	---	0.637	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 44.3
DRAINAGE AREA (hectares), 6.1

Watershed: Essex Test Microbasin 2 (ETB2) Area: 6. hectares

Daily Total Suspended Solids Loads for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	0	---	14
15	---	---	---	---	---	---	---	---	---	---	0	---	15
16	---	---	---	---	---	---	---	---	---	---	0	---	16
17	---	---	---	---	---	---	---	---	---	---	0	---	17
18	---	---	---	---	---	---	---	---	---	---	0	---	18
19	---	---	---	---	---	---	---	---	---	---	0	---	19
20	---	---	---	---	---	---	---	---	---	---	0.0005*	---	20
21	---	---	---	---	---	---	---	---	---	---	0.0001*	---	21
22	---	---	---	---	---	---	---	---	---	---	0	---	22
23	---	---	---	---	---	---	---	---	---	---	0	---	23
24	---	---	---	---	---	---	---	---	---	---	0	---	24
25	---	---	---	---	---	---	---	---	---	---	0	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---			31
TOTAL	---	---	---	---	---	---	---	---	---	---	0.0006#	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	0.0001	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	0.0002	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	0.0005	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	0	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	0.0090	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0006

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 92.2709 B1= 1.2536 A2= 0.0000 B2= 0.0000 R^2= 0.1355 N= 6.

Watershed: Essex Test Microbasin 2 (ETB2) Area: 6. hectares

Daily Total Phosphorous Loadings for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	0	---	14
15	---	---	---	---	---	---	---	---	---	---	0	---	15
16	---	---	---	---	---	---	---	---	---	---	0	---	16
17	---	---	---	---	---	---	---	---	---	---	0	---	17
18	---	---	---	---	---	---	---	---	---	---	0	---	18
19	---	---	---	---	---	---	---	---	---	---	0	---	19
20	---	---	---	---	---	---	---	---	---	---	0.0018*	---	20
21	---	---	---	---	---	---	---	---	---	---	0.0005*	---	21
22	---	---	---	---	---	---	---	---	---	---	0	---	22
23	---	---	---	---	---	---	---	---	---	---	0	---	23
24	---	---	---	---	---	---	---	---	---	---	0	---	24
25	---	---	---	---	---	---	---	---	---	---	0	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	0.0023#	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	0.0002	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	0.0005	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	0.0018	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	0	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	0.0287	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0023

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.0040 B1= 0.6732 A2= 0.0000 B2= 0.0000 R^2= 0.2319 N= 6.

TOTAL DAILY DISCHARGE FOR 1992 Essex Test Microbasin 2 (ETB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 0
DRAINAGE AREA (hectares), 6.1

Watershed: Essex Test Microbasin 2 (ETB2) Area: 6. hectares

Daily Total Suspended Solids Loads for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.NaN0 B1= 0.NaN0 A2= 0.0000 B2= 0.0000 R^2= 0.NaN0 N= 0.

Watershed: Essex Test Microbasin 2 (ETB2) Area: 6. hectares

Daily Total Phosphorous Loadings for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.NaN0 B1= 0.NaN0 A2= 0.0000 B2= 0.0000 R^2= 0.NaN0 N= 0.

ESSEX CONTROL MICROBASIN WATER QUALITY LOADS

/charge/4100./data/loadsmicro/ecb1.flow89.out Tue Feb 16 14:04:30 1993

TOTAL DAILY DISCHARGE FOR 1989 Essex Control Microbasin 1 (ECB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	13.3	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	8.64	---	---	---	---	---	---	---	29
30	---		---		117		---	---	---	---	---	---	30
31	---		---					---		---			31
TOTAL	---	---	---	---	125#	13.3#	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	62.8	13.3	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	76.6	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	117	13.3	---	---	---	---	---	---	MAX
MIN	---	---	---	---	8.64	13.3	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	1.43	0.162	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 138
DRAINAGE AREA (hectares), 8.2

Watershed: Essex Control Microbasin 1 (ECB1) Area: 8. hectares

Daily Total Suspended Solids Loads for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.0025*	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	0.0022*	---	---	---	---	---	---	---	30
31	---		---		0.0566*		---	---		---		---	31
TOTAL	---	---	---	---	0.0589#	0.0025#	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	0.0294	0.0025	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	0.0385	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	0.0566	0.0025	---	---	---	---	---	---	MAX
MIN	---	---	---	---	0.0022	0.0025	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	0.691	0.0305	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0614

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 56645.7617 B1= 1.8012 A2= 0.0000 B2= 0.0000 R^2= 0.6519 N= 17.

Watershed: Essex Control Microbasin 1 (ECB1) Area: 8. hectares

Daily Total Phosphorous Loadings for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.0045*	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	0.0032*	---	---	---	---	---	---	---	30
31	---		---		0.0582*		---	---		---		---	31
TOTAL	---	---	---	---	0.0614#	0.0045#	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	0.0307	0.0045	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	0.0389	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	0.0582	0.0045	---	---	---	---	---	---	MAX
MIN	---	---	---	---	0.0032	0.0045	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	0.710	0.0555	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0660

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 5.5085 B1= 1.4008 A2= 0.0000 B2= 0.0000 R^2= 0.7406 N= 17.

TOTAL DAILY DISCHARGE FOR 1990 Essex Control Microbasin 1 (ECB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	0	---	---	---	---	---	---	---	---	4
5	---	---	---	0	---	---	---	---	---	---	---	---	5
6	---	---	---	10.4	---	---	---	---	---	---	---	---	6
7	---	---	---	0.720	---	---	---	---	44.6	---	---	---	7
8	---	---	---	4.68	---	---	---	---	0	---	---	---	8
9	---	---	---	0	---	---	---	---	---	---	---	---	9
10	---	---	---	23.8	---	---	---	---	---	---	---	---	10
11	---	---	---	3.96	---	---	---	---	---	---	---	---	11
12	---	---	---	0	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	0	---	---	---	18
19	---	---	---	---	---	---	---	---	83.2	---	---	---	19
20	---	---	---	---	---	---	---	---	0	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	43.6#	---	---	---	---	127#	---	---	---	TOTAL
MEAN	---	---	---	4.84	---	---	---	---	25.6	---	---	---	MEAN
ST.D.	---	---	---	7.91	---	---	---	---	37.6	---	---	---	ST.D.
MAX	---	---	---	23.8	---	---	---	---	83.2	---	---	---	MAX
MIN	---	---	---	0	---	---	---	---	0	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	---	0.290	---	---	---	---	1.01	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 171
DRAINAGE AREA (hectares), 8.2

Watershed: Essex Control Microbasin 1 (ECB1) Area: 8. hectares

Daily Total Suspended Solids Loads for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	0	---	---	---	---	---	---	---	---	4
5	---	---	---	0	---	---	---	---	---	---	---	---	5
6	---	---	---	0.0007	---	---	---	---	---	---	---	---	6
7	---	---	---	0.0000	---	---	---	---	0.0071*	---	---	---	7
8	---	---	---	0.0003	---	---	---	---	0	---	---	---	8
9	---	---	---	0	---	---	---	---	---	---	---	---	9
10	---	---	---	0.0015*	---	---	---	---	---	---	---	---	10
11	---	---	---	0.0004*	---	---	---	---	---	---	---	---	11
12	---	---	---	0	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	0	---	---	---	18
19	---	---	---	---	---	---	---	---	0.0196*	---	---	---	19
20	---	---	---	---	---	---	---	---	0.0001*	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	0.0030#	---	---	---	---	0.0268#	---	---	---	TOTAL
MEAN	---	---	---	0.0003	---	---	---	---	0.0054	---	---	---	MEAN
ST.D.	---	---	---	0.0005	---	---	---	---	0.0085	---	---	---	ST.D.
MAX	---	---	---	0.0015	---	---	---	---	0.0196	---	---	---	MAX
MIN	---	---	---	0	---	---	---	---	0	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	0.0181	---	---	---	---	0.239	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0298

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 11359.2715 B1= 1.7143 A2= 0.0000 B2= 0.0000 R^2= 0.8754 N= 16.

Watershed: Essex Control Microbasin 1 (ECB1) Area: 8. hectares

Daily Total Phosphorous Loadings for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	0	---	---	---	---	---	---	---	---	4
5	---	---	---	0	---	---	---	---	---	---	---	---	5
6	---	---	---	0.0020	---	---	---	---	---	---	---	---	6
7	---	---	---	0.0000	---	---	---	---	0.0172*	---	---	---	7
8	---	---	---	0.0009	---	---	---	---	0	---	---	---	8
9	---	---	---	0	---	---	---	---	---	---	---	---	9
10	---	---	---	0.0042*	---	---	---	---	---	---	---	---	10
11	---	---	---	0.0013*	---	---	---	---	---	---	---	---	11
12	---	---	---	0	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	0	---	---	---	18
19	---	---	---	---	---	---	---	---	0.0439*	---	---	---	19
20	---	---	---	---	---	---	---	---	0.0003*	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	0.0085#	---	---	---	---	0.0613#	---	---	---	TOTAL
MEAN	---	---	---	0.0009	---	---	---	---	0.0123	---	---	---	MEAN
ST.D.	---	---	---	0.0014	---	---	---	---	0.0191	---	---	---	ST.D.
MAX	---	---	---	0.0042	---	---	---	---	0.0439	---	---	---	MAX
MIN	---	---	---	0	---	---	---	---	0	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	0.0516	---	---	---	---	0.535	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0698

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 13.0895 B1= 1.5887 A2= 0.0000 B2= 0.0000 R^2= 0.9367 N= 16.

/charge/4100./data/loadsmicro/ecb1.flow91.out Tue Feb 16 14:04:47 1993

TOTAL DAILY DISCHARGE FOR 1991 Essex Control Microbasin 1 (ECB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	0	---	1
2	---	---	---	---	---	---	---	---	---	---	---	0	2
3	---	---	---	---	---	---	---	---	---	---	---	0	3
4	---	---	---	---	---	---	---	---	---	---	---	0	4
5	---	---	---	---	---	---	---	---	---	---	0	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	0	12
13	---	---	---	---	---	---	---	---	---	---	---	0	13
14	---	---	---	---	---	---	---	---	---	---	0	---	14
15	---	---	---	---	---	---	---	---	---	---	0	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	0	---	18
19	---	---	---	---	---	---	---	---	---	---	0	---	19
20	---	---	---	---	---	---	---	---	---	---	1.08	---	20
21	---	---	---	---	---	---	---	---	---	---	0	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	0	0	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	0	---	---	28
29	---		---	---	---	---	---	---	---	---	0	---	29
30	---		---	---	---	---	---	---	---	0	0	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	0 #	1.08#	0 #	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	0	0.0982	0	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	0	0.326	0	ST.D.
MAX	---	---	---	---	---	---	---	---	---	0	1.08	0	MAX
MIN	---	---	---	---	---	---	---	---	---	0	0	0	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	---	---	---	---	---	---	0.0132	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 1.08
DRAINAGE AREA (hectares), 8.2

Watershed: Essex Control Microbasin 1 (ECB1) Area: 8. hectares

Daily Total Suspended Solids Loads for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.NaN0 B1= 0.NaN0 A2= 0.0000 B2= 0.0000 R^2= 0.NaN0 N= 0.

Watershed: Essex Control Microbasin 1 (ECB1) Area: 8. hectares

Daily Total Phosphorous Loadings for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.NaN0 B1= 0.NaN0 A2= 0.0000 B2= 0.0000 R^2= 0.NaN0 N= 0.

TOTAL DAILY DISCHARGE FOR 1992 Essex Control Microbasin 1 (ECB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	0	---	---	---	---	---	---	---	---	---	9
10	---	---	62.6	---	---	---	---	---	---	---	---	---	10
11	---	---	0.360	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	0	---	---	---	---	---	---	---	---	---	25
26	---	---	127	---	---	---	---	---	---	---	---	---	26
27	---	---	102	---	---	---	---	---	---	---	---	---	27
28	---	---	6.12	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	299#	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	42.7	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	54.7	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	127	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	0	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	1.56	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 299
DRAINAGE AREA (hectares), 8.2

Watershed: Essex Control Microbasin 1 (ECB1) Area: 8. hectares

Daily Total Suspended Solids Loads for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	0	---	---	---	---	---	---	---	---	---	9
10	---	---	0.0151*	---	---	---	---	---	---	---	---	---	10
11	---	---	0	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	0	---	---	---	---	---	---	---	---	---	25
26	---	---	0.0527	---	---	---	---	---	---	---	---	---	26
27	---	---	0.0187	---	---	---	---	---	---	---	---	---	27
28	---	---	0.0002	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	0.0867#	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	0.0124	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	0.0195	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	0.0527	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	0	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	0.643	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0867

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= ********** B1= 2.3134 A2= 0.0000 B2= 0.0000 R^2= 0.9633 N= 3.

Watershed: Essex Control Microbasin 1 (ECB1) Area: 8. hectares

Daily Total Phosphorous Loadings for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	0	---	---	---	---	---	---	---	---	---	9
10	---	---	0.0250*	---	---	---	---	---	---	---	---	---	10
11	---	---	0.0000	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	0	---	---	---	---	---	---	---	---	---	25
26	---	---	0.0603	---	---	---	---	---	---	---	---	---	26
27	---	---	0.0375	---	---	---	---	---	---	---	---	---	27
28	---	---	0.0014	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	0.124#	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	0.0177	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	0.0240	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	0.0603	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	0	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	0.736	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.124

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 4.2408 B1= 1.3765 A2= 0.0000 B2= 0.0000 R^2= 0.9895 N= 3.

/charge/4100./data/loads/micro/ecb2.flow89.out Tue Feb 16 14:05:06 1993

TOTAL DAILY DISCHARGE FOR 1989 Essex Control Microbasin 2 (ECB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	10.4	---	---	---	---	---	---	1
2	---	---	---	---	---	59.8	---	---	---	---	---	---	2
3	---	---	---	---	---	0	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	0	---	---	---	22
23	---	---	---	---	---	---	---	---	0	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	0	---	---	---	---	---	---	---	30
31	---		---		373		---	---		---		---	31
TOTAL	---	---	---	---	373#	70.2#	---	---	0 #	---	---	---	TOTAL
MEAN	---	---	---	---	186	23.4	---	---	0	---	---	---	MEAN
ST.D.	---	---	---	---	263	31.9	---	---	0	---	---	---	ST.D.
MAX	---	---	---	---	373	59.8	---	---	0	---	---	---	MAX
MIN	---	---	---	---	0	0	---	---	0	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	2.71	0.433	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 443
DRAINAGE AREA (hectares), 13.8

Watershed: Essex Control Microbasin 2 (ECB2) Area: 14. hectares

Daily Total Suspended Solids Loads for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.0002*	---	---	---	---	---	---	1
2	---	---	---	---	---	0.0067*	---	---	---	---	---	---	2
3	---	---	---	---	---	0	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	0	---	---	---	22
23	---	---	---	---	---	---	---	---	0	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	0.0000*	---	---	---	---	---	---	---	30
31	---		---		0.261*		---	---		---		---	31
TOTAL	---	---	---	---	0.261#	0.0068#	---	---	0 #	---	---	---	TOTAL
MEAN	---	---	---	---	0.130	0.0023	---	---	0	---	---	---	MEAN
ST.D.	---	---	---	---	0.184	0.0038	---	---	0	---	---	---	ST.D.
MAX	---	---	---	---	0.261	0.0067	---	---	0	---	---	---	MAX
MIN	---	---	---	---	0.0000	0	---	---	0	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	1.89	0.0484	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.268

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 32895.0742 B1= 1.9779 A2= 0.0000 B2= 0.0000 R^2= 0.8833 N= 9.

Watershed: Essex Control Microbasin 2 (ECB2) Area: 14. hectares

Daily Total Phosphorous Loadings for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.0004*	---	---	---	---	---	---	1
2	---	---	---	---	---	0.0119*	---	---	---	---	---	---	2
3	---	---	---	---	---	0	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	0	---	---	---	22
23	---	---	---	---	---	---	---	---	0	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	0.0001*	---	---	---	---	---	---	---	30
31	---		---		0.319*		---	---		---		---	31
TOTAL	---	---	---	---	0.319#	0.0123#	---	---	0 #	---	---	---	TOTAL
MEAN	---	---	---	---	0.160	0.0041	---	---	0	---	---	---	MEAN
ST.D.	---	---	---	---	0.226	0.0067	---	---	0	---	---	---	ST.D.
MAX	---	---	---	---	0.319	0.0119	---	---	0	---	---	---	MAX
MIN	---	---	---	---	0.0001	0	---	---	0	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	2.31	0.0863	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.332

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 19.4920 B1= 1.7847 A2= 0.0000 B2= 0.0000 R^2= 0.9286 N= 9.

TOTAL DAILY DISCHARGE FOR 1990 Essex Control Microbasin 2 (ECB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	137	---	---	---	---	---	---	1
2	---	---	---	---	---	88.9	---	---	---	0	---	---	2
3	---	---	---	---	---	---	---	---	---	0	---	---	3
4	---	---	---	3.96	---	---	---	---	---	3.60	---	---	4
5	---	---	---	8.64	---	---	---	---	---	0	---	---	5
6	---	---	---	8.64	---	---	---	---	---	0	---	---	6
7	---	---	---	5.40	---	---	---	---	---	0	---	---	7
8	---	---	---	0	---	---	---	---	---	0	---	---	8
9	---	---	---	0	0	---	---	---	0	694	---	---	9
10	---	---	---	---	0	---	---	---	0	4827	---	---	10
11	---	---	---	25.2	0	---	---	---	---	1986	---	---	11
12	---	---	---	16.9	0	---	---	---	---	175	---	---	12
13	---	---	---	8.64	329	---	---	---	---	92.2	---	---	13
14	---	---	---	8.64	35.3	---	---	---	4524	42.1	---	---	14
15	---	---	---	8.64	6.84	---	---	---	20989	11.5	---	---	15
16	---	---	---	8.64	379	---	---	---	6921	---	---	---	16
17	---	---	---	6.84	72.0	---	---	---	424	---	---	---	17
18	---	---	---	0	3.60	---	---	---	5.04	---	---	---	18
19	---	---	---	---	---	---	---	---	3141	---	---	---	19
20	---	---	---	---	---	---	---	---	576	---	---	---	20
21	---	---	---	---	---	---	---	---	10.1	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	112	---	---	---	---	---	---	---	30
31	---		---		340		---	---		---		---	31
TOTAL	---	---	---	110#	1280#	226#	---	---	36593#	7833#	---	---	TOTAL
MEAN	---	---	---	7.87	106	113	---	---	3659	559	---	---	MEAN
ST.D.	---	---	---	6.76	151	34.6	---	---	6544	1341	---	---	ST.D.
MAX	---	---	---	25.2	379	137	---	---	20989	4827	---	---	MAX
MIN	---	---	---	0	0	88.9	---	---	0	0	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	---	0.183	2.75	0.999	---	---	152	35.0	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 46044
DRAINAGE AREA (hectares), 13.8

Watershed: Essex Control Microbasin 2 (ECB2) Area: 14. hectares

Daily Total Suspended Solids Loads for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.0563	---	---	---	---	---	---	1
2	---	---	---	---	---	0.0343	---	---	---	0	---	---	2
3	---	---	---	---	---	---	---	---	---	0	---	---	3
4	---	---	---	0.0001	---	---	---	---	---	0.0000	---	---	4
5	---	---	---	0.0001	---	---	---	---	---	0	---	---	5
6	---	---	---	0.0001	---	---	---	---	---	0	---	---	6
7	---	---	---	0.0001	---	---	---	---	---	0	---	---	7
8	---	---	---	0	---	---	---	---	---	0	---	---	8
9	---	---	---	0	0	---	---	---	0	1.10	---	---	9
10	---	---	---	---	0	---	---	---	0	21.4	---	---	10
11	---	---	---	0.0016*	0	---	---	---	---	6.97	---	---	11
12	---	---	---	0.0006*	0.0002*	---	---	---	---	0.0384*	---	---	12
13	---	---	---	0.0001	0.163*	---	---	---	---	0.0122	---	---	13
14	---	---	---	0.0001	0.0026*	---	---	---	57.6	0.0031	---	---	14
15	---	---	---	0.0001	0.0002*	---	---	---	351	0.0004	---	---	15
16	---	---	---	0.0001	0.269*	---	---	---	50.8	---	---	---	16
17	---	---	---	0.0001	0.0138*	---	---	---	0.392	---	---	---	17
18	---	---	---	0	0.0001*	---	---	---	0.0001	---	---	---	18
19	---	---	---	---	---	---	---	---	14.5	---	---	---	19
20	---	---	---	---	---	---	---	---	0.656	---	---	---	20
21	---	---	---	---	---	---	---	---	0.0004	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	0.278	---	---	---	---	---	---	---	30
31	---		---		0.473		---	---		---		---	31
TOTAL	---	---	---	0.0031#	1.20#	0.0906#	---	---	475#	29.5#	---	---	TOTAL
MEAN	---	---	---	0.0002	0.1000	0.0453	---	---	47.6	2.11	---	---	MEAN
ST.D.	---	---	---	0.0004	0.160	0.0156	---	---	109	5.86	---	---	ST.D.
MAX	---	---	---	0.0016	0.473	0.0563	---	---	351	21.4	---	---	MAX
MIN	---	---	---	0	0	0.0343	---	---	0	0	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	0.0119	3.43	0.408	---	---	2549	155	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 506

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 59502.4336 B1= 1.9172 A2= 0.0000 B2= 0.0000 R^2= 0.8015 N= 29.

Watershed: Essex Control Microbasin 2 (ECB2) Area: 14. hectares

Daily Total Phosphorous Loadings for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.0826	---	---	---	---	---	---	1
2	---	---	---	---	---	0.0507	---	---	---	0	---	---	2
3	---	---	---	---	---	---	---	---	---	0	---	---	3
4	---	---	---	0.0001	---	---	---	---	---	0.0001	---	---	4
5	---	---	---	0.0002	---	---	---	---	---	0	---	---	5
6	---	---	---	0.0002	---	---	---	---	---	0	---	---	6
7	---	---	---	0.0001	---	---	---	---	---	0	---	---	7
8	---	---	---	0	---	---	---	---	---	0	---	---	8
9	---	---	---	0	0	---	---	---	0	1.46	---	---	9
10	---	---	---	---	0	---	---	---	0	26.7	---	---	10
11	---	---	---	0.0027*	0	---	---	---	---	8.75	---	---	11
12	---	---	---	0.0010*	0.0003*	---	---	---	---	0.0590*	---	---	12
13	---	---	---	0.0002	0.236*	---	---	---	---	0.0194	---	---	13
14	---	---	---	0.0002	0.0043*	---	---	---	66.3	0.0052	---	---	14
15	---	---	---	0.0002	0.0004*	---	---	---	399	0.0006	---	---	15
16	---	---	---	0.0002	0.379*	---	---	---	60.8	---	---	---	16
17	---	---	---	0.0002	0.0212*	---	---	---	0.542	---	---	---	17
18	---	---	---	0	0.0002*	---	---	---	0.0002	---	---	---	18
19	---	---	---	---	---	---	---	---	17.9	---	---	---	19
20	---	---	---	---	---	---	---	---	0.892	---	---	---	20
21	---	---	---	---	---	---	---	---	0.0006	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	0.361	---	---	---	---	---	---	---	30
31	---		---		0.633		---	---		---		---	31
TOTAL	---	---	---	0.0054#	1.64#	0.133#	---	---	545#	37.0#	---	---	TOTAL
MEAN	---	---	---	0.0004	0.136	0.0667	---	---	54.6	2.64	---	---	MEAN
ST.D.	---	---	---	0.0007	0.215	0.0225	---	---	123	7.30	---	---	ST.D.
MAX	---	---	---	0.0027	0.633	0.0826	---	---	399	26.7	---	---	MAX
MIN	---	---	---	0	0	0.0507	---	---	0	0	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	0.0199	4.59	0.598	---	---	2891	193	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 584

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 61.7605 B1= 1.8524 A2= 0.0000 B2= 0.0000 R^2= 0.8565 N= 29.

[redacted]

TOTAL DAILY DISCHARGE FOR 1991 Essex Control Microbasin 2 (ECB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	37.8	---	---	---	---	9.72	0	1
2	---	---	---	---	---	0	---	---	---	---	6.12	0	2
3	---	---	---	---	---	0	---	---	---	---	0	64.1	3
4	---	---	---	---	---	---	---	---	---	---	0	1.08	4
5	---	---	---	---	---	---	---	---	---	---	0	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	0	---	---	---	---	---	---	14
15	---	---	---	---	---	0	---	---	---	---	0	---	15
16	---	---	---	---	---	0	---	---	---	---	0	---	16
17	---	---	---	---	---	0	---	---	---	---	0	---	17
18	---	---	---	---	---	0	---	---	---	---	5.04	---	18
19	---	---	---	---	---	0	---	---	---	---	6.12	---	19
20	---	---	---	---	---	---	---	---	---	---	75.2	---	20
21	---	---	---	---	---	---	---	---	---	---	19.1	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	0	---	---	---	---	---	---	---	23
24	---	---	---	---	0	---	---	---	---	---	---	---	24
25	---	---	---	---	0	---	---	---	---	25.2	---	---	25
26	---	---	---	---	6.84	---	---	---	---	45.4	---	---	26
27	---	---	---	---	0	---	---	---	---	10.4	---	---	27
28	---	---	---	---	0	---	---	---	---	0	---	---	28
29	---		---	---	0	---	---	---	---	0	2.16	---	29
30	---		---	---	0	---	---	---	---	0	0	---	30
31	---		---		0.360		---	---		0		---	31
TOTAL	---	---	---	---	7.20#	37.8#	---	---	---	81.0#	123#	65.2#	TOTAL
MEAN	---	---	---	---	0.800	4.20	---	---	---	11.6	8.82	16.3	MEAN
ST.D.	---	---	---	---	2.27	12.6	---	---	---	17.6	19.9	31.9	ST.D.
MAX	---	---	---	---	6.84	37.8	---	---	---	45.4	75.2	64.1	MAX
MIN	---	---	---	---	0	0	---	---	---	0	0	0	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	0.0496	0.274	---	---	---	0.329	0.545	0.464	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 314
DRAINAGE AREA (hectares), 13.8

Watershed: Essex Control Microbasin 2 (ECB2) Area: 14. hectares

Daily Total Suspended Solids Loads for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.0018*	---	---	---	---	0.0004	0	1
2	---	---	---	---	---	0.0002*	---	---	---	---	0.0002	0	2
3	---	---	---	---	---	0	---	---	---	---	0	0.0035	3
4	---	---	---	---	---	---	---	---	---	---	0	0.0000	4
5	---	---	---	---	---	---	---	---	---	---	0	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	0	---	---	---	---	---	---	14
15	---	---	---	---	---	0.0001*	---	---	---	---	0	---	15
16	---	---	---	---	---	0.0002*	---	---	---	---	0	---	16
17	---	---	---	---	---	0	---	---	---	---	0	---	17
18	---	---	---	---	---	0	---	---	---	---	0.0002*	---	18
19	---	---	---	---	---	0	---	---	---	---	0.0003*	---	19
20	---	---	---	---	---	---	---	---	---	---	0.0044*	---	20
21	---	---	---	---	---	---	---	---	---	---	0.0009	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	0	---	---	---	---	---	---	---	23
24	---	---	---	---	0	---	---	---	---	---	---	---	24
25	---	---	---	---	0	---	---	---	---	0.0016*	---	---	25
26	---	---	---	---	0.0002	---	---	---	---	0.0025*	---	---	26
27	---	---	---	---	0	---	---	---	---	0.0005*	---	---	27
28	---	---	---	---	0	---	---	---	---	0	---	---	28
29	---		---	---	0	---	---	---	---	0	0.0001	---	29
30	---		---	---	0	---	---	---	---	0	0	---	30
31	---		---		0.0001*		---	---		0		---	31
TOTAL	---	---	---	---	0.0003#	0.0023#	---	---	---	0.0047#	0.0064#	0.0035#	TOTAL
MEAN	---	---	---	---	0.0000	0.0003	---	---	---	0.0007	0.0005	0.0009	MEAN
ST.D.	---	---	---	---	0.0001	0.0006	---	---	---	0.0010	0.0012	0.0017	ST.D.
MAX	---	---	---	---	0.0002	0.0018	---	---	---	0.0025	0.0044	0.0035	MAX
MIN	---	---	---	---	0	0	---	---	---	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	0.0017	0.0131	---	---	---	0.0184	0.0317	0.0252	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0173

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 514.7687 B1= 1.3258 A2= 0.0000 B2= 0.0000 R^2= 0.2312 N= 26.

Watershed: Essex Control Microbasin 2 (ECB2) Area: 14. hectares

Daily Total Phosphorous Loadings for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.0037*	---	---	---	---	0.0009	0	1
2	---	---	---	---	---	0.0005*	---	---	---	---	0.0006	0	2
3	---	---	---	---	---	0	---	---	---	---	0	0.0062	3
4	---	---	---	---	---	---	---	---	---	---	0	0.0001	4
5	---	---	---	---	---	---	---	---	---	---	0	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	0	---	---	---	---	---	---	14
15	---	---	---	---	---	0.0002*	---	---	---	---	0	---	15
16	---	---	---	---	---	0.0005*	---	---	---	---	0	---	16
17	---	---	---	---	---	0	---	---	---	---	0	---	17
18	---	---	---	---	---	0	---	---	---	---	0.0006*	---	18
19	---	---	---	---	---	0	---	---	---	---	0.0008*	---	19
20	---	---	---	---	---	---	---	---	---	---	0.0074*	---	20
21	---	---	---	---	---	---	---	---	---	---	0.0018	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	0	---	---	---	---	---	---	---	23
24	---	---	---	---	0	---	---	---	---	---	---	---	24
25	---	---	---	---	0	---	---	---	---	0.0027*	---	---	25
26	---	---	---	---	0.0006	---	---	---	---	0.0045*	---	---	26
27	---	---	---	---	0	---	---	---	---	0.0013*	---	---	27
28	---	---	---	---	0	---	---	---	---	0	---	---	28
29	---		---	---	0	---	---	---	---	0	0.0002	---	29
30	---		---	---	0	---	---	---	---	0	0	---	30
31	---		---		0.0002*		---	---		0		---	31
TOTAL	---	---	---	---	0.0008#	0.0049#	---	---	---	0.0085#	0.0123#	0.0063#	TOTAL
MEAN	---	---	---	---	0.0001	0.0005	---	---	---	0.0012	0.0009	0.0016	MEAN
ST.D.	---	---	---	---	0.0002	0.0012	---	---	---	0.0018	0.0020	0.0031	ST.D.
MAX	---	---	---	---	0.0006	0.0037	---	---	---	0.0045	0.0074	0.0062	MAX
MIN	---	---	---	---	0	0	---	---	---	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	0.0046	0.0267	---	---	---	0.0325	0.0539	0.0452	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0328

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.1265 B1= 1.0378 A2= 0.0000 B2= 0.0000 R^2= 0.2485 N= 26.

TOTAL DAILY DISCHARGE FOR 1992 Essex Control Microbasin 2 (ECB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	0	---	---	---	---	---	---	---	---	---	9
10	---	---	413	---	---	---	---	---	---	---	---	---	10
11	---	---	2.16	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	68.4	---	---	---	---	---	---	---	---	---	25
26	---	---	275	---	---	---	---	---	---	---	---	---	26
27	---	---	422	---	---	---	---	---	---	---	---	---	27
28	---	---	21.6	---	---	---	---	---	---	---	---	---	28
29	---	---	0.360	---	---	---	---	---	---	---	---	---	29
30	---		0.360	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	1203#	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	133	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	183	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	422	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	0	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	3.06	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 1203
DRAINAGE AREA (hectares), 13.8

Watershed: Essex Control Microbasin 2 (ECB2) Area: 14. hectares

Daily Total Suspended Solids Loads for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	0	---	---	---	---	---	---	---	---	---	9
10	---	---	0.132*	---	---	---	---	---	---	---	---	---	10
11	---	---	0.0001	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	0.0093*	---	---	---	---	---	---	---	---	---	25
26	---	---	0.0427*	---	---	---	---	---	---	---	---	---	26
27	---	---	0.109*	---	---	---	---	---	---	---	---	---	27
28	---	---	0.0009	---	---	---	---	---	---	---	---	---	28
29	---	---	0.0001*	---	---	---	---	---	---	---	---	---	29
30	---		0.0001*	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	0.294#	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	0.0327	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	0.0520	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	0.132	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	0	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	0.959	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.294

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 4518.2896 B1= 1.6053 A2= 0.0000 B2= 0.0000 R^2= 0.7738 N= 12.

Watershed: Essex Control Microbasin 2 (ECB2) Area: 14. hectares

Daily Total Phosphorous Loadings for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	0	---	---	---	---	---	---	---	---	---	9
10	---	---	0.199*	---	---	---	---	---	---	---	---	---	10
11	---	---	0.0001	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	0.0159*	---	---	---	---	---	---	---	---	---	25
26	---	---	0.0721*	---	---	---	---	---	---	---	---	---	26
27	---	---	0.169*	---	---	---	---	---	---	---	---	---	27
28	---	---	0.0018	---	---	---	---	---	---	---	---	---	28
29	---	---	0.0002*	---	---	---	---	---	---	---	---	---	29
30	---		0.0002*	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	0.458#	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	0.0509	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	0.0793	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	0.199	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	0	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	1.44	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.458

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 4.5705 B1= 1.5125 A2= 0.0000 B2= 0.0000 R^2= 0.8488 N= 12.

TOTAL DAILY DISCHARGE FOR 1989 Essex Test Microbasin 1 (ETB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	9.00	---	---	---	---	---	---	1
2	---	---	---	---	---	6.12	---	---	---	---	---	---	2
3	---	---	---	---	---	0	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	0	---	---	---	22
23	---	---	---	---	---	---	---	---	0	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	0	---	---	---	---	---	---	---	30
31	---		---		59.8		---	---		---		---	31
TOTAL	---	---	---	---	59.8#	15.1#	---	---	0 #	---	---	---	TOTAL
MEAN	---	---	---	---	29.9	5.04	---	---	0	---	---	---	MEAN
ST.D.	---	---	---	---	42.3	4.60	---	---	0	---	---	---	ST.D.
MAX	---	---	---	---	59.8	9.00	---	---	0	---	---	---	MAX
MIN	---	---	---	---	0	0	---	---	0	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	1.13	0.170	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 74.9
DRAINAGE AREA (hectares), 5.3

Watershed: Essex Test Microbasin 1 (ETB1) Area: 5. hectares

Daily Total Suspended Solids Loads for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.0021*	---	---	---	---	---	---	1
2	---	---	---	---	---	0.0005	---	---	---	---	---	---	2
3	---	---	---	---	---	0	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	0	---	---	---	22
23	---	---	---	---	---	---	---	---	0	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	0	---	---	---	---	---	---	---	30
31	---		---		0.0075*		---	---		---		---	31
TOTAL	---	---	---	---	0.0075#	0.0026#	---	---	0 #	---	---	---	TOTAL
MEAN	---	---	---	---	0.0038	0.0009	---	---	0	---	---	---	MEAN
ST.D.	---	---	---	---	0.0053	0.0011	---	---	0	---	---	---	ST.D.
MAX	---	---	---	---	0.0075	0.0021	---	---	0	---	---	---	MAX
MIN	---	---	---	---	0	0	---	---	0	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	0.142	0.0398	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0101

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 673.8983 B1= 1.2674 A2= 0.0000 B2= 0.0000 R^2= 0.0650 N= 18.

Watershed: Essex Test Microbasin 1 (ETB1) Area: 5. hectares

Daily Total Phosphorous Loadings for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.0049*	---	---	---	---	---	---	1
2	---	---	---	---	---	0.0010	---	---	---	---	---	---	2
3	---	---	---	---	---	0	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	0	---	---	---	22
23	---	---	---	---	---	---	---	---	0	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	0	---	---	---	---	---	---	---	30
31	---		---		0.0341*		---	---		---		---	31
TOTAL	---	---	---	---	0.0341#	0.0059#	---	---	0	---	---	---	TOTAL
MEAN	---	---	---	---	0.0171	0.0020	---	---	0	---	---	---	MEAN
ST.D.	---	---	---	---	0.0241	0.0026	---	---	0	---	---	---	ST.D.
MAX	---	---	---	---	0.0341	0.0049	---	---	0	---	---	---	MAX
MIN	---	---	---	---	0	0	---	---	0	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	0.644	0.0926	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0400

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 31.4709 B1= 1.6604 A2= 0.0000 B2= 0.0000 R^2= 0.2062 N= 18.

KETTLE CREEK TEST MICROBASIN WATER QUALITY LOADS

TOTAL DAILY DISCHARGE FOR 1990 Kettle Test Microbasin 1 (KTB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0	---	---	---	---	---	1
2	---	---	---	---	---	---	0	---	---	---	---	---	2
3	---	---	---	---	---	---	0	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	0	---	---	4
5	---	---	---	---	---	---	---	---	---	---	0	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	0	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	0	---	---	9
10	---	---	---	---	---	---	---	0	---	---	---	---	10
11	---	---	---	---	---	---	---	0	---	---	---	---	11
12	---	---	---	---	---	---	---	0	---	0	---	---	12
13	---	---	---	---	---	---	---	0	---	---	---	---	13
14	---	---	---	---	---	---	0	0	0	---	---	---	14
15	---	---	---	---	0	---	---	---	---	---	---	---	15
16	---	---	---	---	0	---	---	0	---	---	---	---	16
17	---	---	---	---	0	---	---	0	---	---	---	---	17
18	---	---	---	---	0	---	---	0	---	0	---	---	18
19	---	---	---	---	0	---	---	0	---	---	---	---	19
20	---	---	---	---	---	---	---	0	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	0	---	---	---	---	---	---	22
23	---	---	---	---	---	0	---	---	---	---	---	---	23
24	---	---	---	---	---	0	---	---	---	---	---	---	24
25	---	---	---	---	---	0	---	---	---	---	---	---	25
26	---	---	---	---	---	0	---	---	---	---	---	---	26
27	---	---	---	---	---	0	---	---	---	---	---	---	27
28	---	---	---	---	---	0	---	0	---	---	---	---	28
29	---		---	---	---	0	---	---	---	---	---	---	29
30	---		---	---	---	0	0	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	0 #	0 #	0 #	0 #	0 #	0 #	0 #	---	TOTAL
MEAN	---	---	---	---	0	0	0	0	0	0	0	---	MEAN
ST.D.	---	---	---	---	0	0	0	0	---	0	---	---	ST.D.
MAX	---	---	---	---	0	0	0	0	0	0	0	---	MAX
MIN	---	---	---	---	0	0	0	0	0	0	0	---	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 0
DRAINAGE AREA (hectares), 6.0

Watershed: Kettle Test Microbasin 1 (KTB1) Area: 6. hectares

Daily Total Suspended Solids Loads for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0	---	---	---	---	---	1
2	---	---	---	---	---	---	0	---	---	---	---	---	2
3	---	---	---	---	---	---	0	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	0	---	---	4
5	---	---	---	---	---	---	---	---	---	---	0.0040*	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	0.0004*	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	0.0009*	---	---	9
10	---	---	---	---	---	---	---	0	---	---	---	---	10
11	---	---	---	---	---	---	---	0	---	---	---	---	11
12	---	---	---	---	---	---	---	0	---	0.0004*	---	---	12
13	---	---	---	---	---	---	---	0	---	---	---	---	13
14	---	---	---	---	---	---	0.0004*	0	0.0004*	---	---	---	14
15	---	---	---	---	0	---	---	---	---	---	---	---	15
16	---	---	---	---	0.0027*	---	---	0	---	---	---	---	16
17	---	---	---	---	0.0009*	---	---	0	---	---	---	---	17
18	---	---	---	---	0	---	---	0	---	0.0009*	---	---	18
19	---	---	---	---	0	---	---	0	---	---	---	---	19
20	---	---	---	---	---	---	---	0	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	0	---	---	---	---	---	---	22
23	---	---	---	---	---	0.0009*	---	---	---	---	---	---	23
24	---	---	---	---	---	0	---	---	---	---	---	---	24
25	---	---	---	---	---	0	---	---	---	---	---	---	25
26	---	---	---	---	---	0	---	---	---	---	---	---	26
27	---	---	---	---	---	0	---	---	---	---	---	---	27
28	---	---	---	---	---	0	---	0	---	---	---	---	28
29	---		---	---	---	0	---	---	---	---	---	---	29
30	---		---	---	---	0	0	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	0.0036#	0.0013#	0.0004#	0 #	0.0004#	0.0022#	0.0040#	---	TOTAL
MEAN	---	---	---	---	0.0007	0.0001	0.0001	0	0.0004	0.0006	0.0040	---	MEAN
ST.D.	---	---	---	---	0.0012	0.0003	0.0002	0	---	0.0004	---	---	ST.D.
MAX	---	---	---	---	0.0027	0.0009	0.0004	0	0.0004	0.0009	0.0040	---	MAX
MIN	---	---	---	---	0	0	0	0	0.0004	0	0.0040	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	0.0449	0.0150	0.0075	---	0.0075	0.0150	0.0674	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0121

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 904.9968 B1= 1.1695 A2= 0.0000 B2= 0.0000 R^2= 0.0000 N= 27.

Watershed: Kettle Test Microbasin 1 (KTB1) Area: 6. hectares

Daily Total Phosphorous Loadings for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0	---	---	---	---	---	1
2	---	---	---	---	---	---	0	---	---	---	---	---	2
3	---	---	---	---	---	---	0	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	0	---	---	4
5	---	---	---	---	---	---	---	---	---	---	0.0172*	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	0.0019*	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	0.0038*	---	---	9
10	---	---	---	---	---	---	---	0	---	---	---	---	10
11	---	---	---	---	---	---	---	0	---	---	---	---	11
12	---	---	---	---	---	---	---	0	---	0.0019*	---	---	12
13	---	---	---	---	---	---	---	0	---	---	---	---	13
14	---	---	---	---	---	---	0.0019*	0	0.0019*	---	---	---	14
15	---	---	---	---	0	---	---	---	---	---	---	---	15
16	---	---	---	---	0.0115*	---	---	0	---	---	---	---	16
17	---	---	---	---	0.0038*	---	---	0	---	---	---	---	17
18	---	---	---	---	0	---	---	0	---	0.0038*	---	---	18
19	---	---	---	---	0	---	---	0	---	---	---	---	19
20	---	---	---	---	---	---	---	0	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	0	---	---	---	---	---	---	22
23	---	---	---	---	---	0.0038*	---	---	---	---	---	---	23
24	---	---	---	---	---	0	---	---	---	---	---	---	24
25	---	---	---	---	---	0	---	---	---	---	---	---	25
26	---	---	---	---	---	0	---	---	---	---	---	---	26
27	---	---	---	---	---	0	---	---	---	---	---	---	27
28	---	---	---	---	---	0	---	0	---	---	---	---	28
29	---		---	---	---	0	---	---	---	---	---	---	29
30	---		---	---	---	0	0	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	0.0153#	0.0057#	0.0019#	0	# 0.0019#	0.0096#	0.0172#	---	TOTAL
MEAN	---	---	---	---	0.0031	0.0006	0.0004	0	0.0019	0.0024	0.0172	---	MEAN
ST.D.	---	---	---	---	0.0050	0.0013	0.0009	0	---	0.0018	---	---	ST.D.
MAX	---	---	---	---	0.0115	0.0038	0.0019	0	0.0019	0.0038	0.0172	---	MAX
MIN	---	---	---	---	0	0	0	0	0.0019	0	0.0172	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	0.192	0.0639	0.0319	---	0.0319	0.0639	0.287	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0517

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.0463 B1= 0.5876 A2= 0.0000 B2= 0.0000 R^2= 0.0000 N= 27.

TOTAL DAILY DISCHARGE FOR 1991 Kettle Test Microbasin 1 (KTB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0	0	0	0	0	0	0	0	0	0	1
2	---	0	182	0	0	0	0	0	0	0	0	0	2
3	---	0	24.5	0	0	0	0	0	0	0	0	0	3
4	---	0	0	0	0	0	0	0	0	0	0	0	4
5	---	0	133	0	0	0	0	0	0	0	0	0	5
6	---	0	13347	0	0	0	0	0	0	0	0	0	6
7	---	0	3.60	0	0	0	0	0	0	0	0	0	7
8	---	0	0	0	0	0	0	0	0	0	0	0	8
9	---	0	0	0	0	0	0	0	0	0	0	0	9
10	---	0	0	0	0	0	0	0	0	0	0	0	10
11	---	0	0	0	0	0	0	0	0	0	0	0	11
12	---	0	36071	0	0	0	0	0	0	0	0	0	12
13	---	0	0	0	0	0	0	0	0	0	0	0	13
14	---	0	0	0	0	0	0	0	0	0	0	0	14
15	---	0	0	22.3	0	0	0	0	0	0	0	0	15
16	---	0	0	0	0	0	0	0	0	0	0	0	16
17	---	0	0	0	0	0	0	0	0	0	0	0	17
18	---	0	677	0	0	0	0	0	0	0	0	0	18
19	---	0	0	0	0	0	0	0	0	0	0	0	19
20	---	0	0	836	0	0	0	0	0	0	0	0	20
21	---	0	0	0	0	0	0	0	0	0	0	0	21
22	---	0	0	0	0	0	0	0	0	0	0	0	22
23	---	0	30.2	0	0	0	0	0	0	0	0	0	23
24	---	0	0	0	0	0	0	0	0	0	0	0	24
25	---	0	0	0	0	0	0	0	0	0	0	0	25
26	---	0	0	0	31.7	0	0	0	0	0	0	0	26
27	---	0	0	0	0	0	0	0	0	0	0	0	27
28	---	0	11.9	0	0	0	0	0	0	0	0	0	28
29	---		0	0	0	0	0	0	0	0	0	0	29
30	---		0	0	0	0	0	0	0	0	0	0	30
31	---		0		0		0	0		0		0	31
TOTAL	---	0	50483	858	31.7	0	0	0	0	0	0	0	TOTAL
MEAN	---	0	1628	28.6	1.02	0	0	0	0	0	0	0	MEAN
ST.D.	---	0	6825	152	5.69	0	0	0	0	0	0	0	ST.D.
MAX	---	0	36071	836	31.7	0	0	0	0	0	0	0	MAX
MIN	---	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA FLOWS	---	---	601	13.9	0.528	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 51373
DRAINAGE AREA (hectares), 6.0

Watershed: Kettle Test Microbasin 1 (KTB1) Area: 6. hectares

Daily Total Suspended Solids Loads for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0	0	0	0	0	0	0	0	0	0	1
2	---	0	0.0677	0	0	0	0	0	0	0	0	0	2
3	---	0	0.0067	0	0	0	0	0	0	0	0	0	3
4	---	0.0004*	0	0	0	0	0	0	0	0	0	0	4
5	---	0	0.0512	0	0	0	0	0	0	0	0	0	5
6	---	0	20.6*	0	0	0	0	0	0	0	0	0	6
7	---	0	0.0005	0	0	0	0	0	0	0	0	0	7
8	---	0	0	0	0	0	0	0	0	0	0	0	8
9	---	0	0	0.0002*	0	0	0	0	0	0	0	0	9
10	---	0	0	0	0	0	0	0	0	0	0	0	10
11	---	0	0	0	0	0	0	0	0	0	0	0	11
12	---	0	64.7	0	0	0	0	0	0	0	0	0	12
13	---	0	0	0	0	0	0	0	0	0	0	0	13
14	---	0	0	0	0	0	0	0	0	0	0	0	14
15	---	0	0	0.0048*	0	0	0	0	0	0	0	0	15
16	---	0	0	0	0	0	0	0	0	0	0	0	16
17	---	0	0	0	0	0	0	0	0	0	0	0	17
18	---	0	0.392*	0	0	0	0	0	0	0	0	0	18
19	---	0	0	0	0	0	0	0	0	0	0	0	19
20	---	0	0	0.353*	0	0	0	0	0	0	0	0	20
21	---	0	0	0	0	0	0	0	0	0	0	0	21
22	---	0	0	0	0	0	0	0	0	0	0	0	22
23	---	0	0.0090	0	0	0	0	0	0	0	0	0	23
24	---	0	0	0	0	0	0	0	0	0	0	0	24
25	---	0	0	0	0	0	0	0	0	0	0	0	25
26	---	0	0	0	0.0073	0	0	0	0	0	0	0	26
27	---	0	0	0	0	0	0	0	0	0	0	0	27
28	---	0	0.0025	0	0	0	0	0	0	0	0	0	28
29	---		0	0	0	0	0	0	0	0	0	0	29
30	---		0	0	0	0	0	0	0	0	0	0	30
31	---		0		0		0	0		0			31
TOTAL	---	0.0004	85.8	0.358	0.0073	0	0	0	0	0	0	0	TOTAL
MEAN	---	0.0000	2.77	0.0119	0.0002	0	0	0	0	0	0	0	MEAN
ST.D.	---	0.0001	12.1	0.0645	0.0013	0	0	0	0	0	0	0	ST.D.
MAX	---	0.0004	64.7	0.353	0.0073	0	0	0	0	0	0	0	MAX
MIN	---	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	0.0063	1078	5.89	0.122	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 86.2

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 1741.5331 B1= 1.3694 A2= 0.0000 B2= 0.0000 R^2= 0.8681 N= 17.

Watershed: Kettle Test Microbasin 1 (KTB1)

Daily Total Phosphorous Loadings for 1991

Area: 6. hectares

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0	0	0	0	0	0	0	0	0	0	0	1
2	---	0	0.254	0	0	0	0	0	0	0	0	0	2
3	---	0	0.0297	0	0	0	0	0	0	0	0	0	3
4	---	0	0	0	0	0	0	0	0	0	0	0	4
5	---	0.0028*	0	0	0	0	0	0	0	0	0	0	5
6	---	0	0.189	0	0	0	0	0	0	0	0	0	6
7	---	0	36.0*	0	0	0	0	0	0	0	0	0	7
8	---	0	0.0031	0	0	0	0	0	0	0	0	0	8
9	---	0	0	0	0	0	0	0	0	0	0	0	9
10	---	0	0	0	0	0	0	0	0	0	0	0	10
11	---	0	0	0.0014*	0	0	0	0	0	0	0	0	11
12	---	0	0	0	0	0	0	0	0	0	0	0	12
13	---	0	105	0	0	0	0	0	0	0	0	0	13
14	---	0	0	0	0	0	0	0	0	0	0	0	14
15	---	0	0	0	0	0	0	0	0	0	0	0	15
16	---	0	0	0	0	0	0	0	0	0	0	0	16
17	---	0	0	0.0250*	0	0	0	0	0	0	0	0	17
18	---	0	0	0	0	0	0	0	0	0	0	0	18
19	---	0	1.16*	0	0	0	0	0	0	0	0	0	19
20	---	0	0	0	0	0	0	0	0	0	0	0	20
21	---	0	0	1.23*	0	0	0	0	0	0	0	0	21
22	---	0	0	0	0	0	0	0	0	0	0	0	22
23	---	0	0	0	0	0	0	0	0	0	0	0	23
24	---	0	0.0381	0	0	0	0	0	0	0	0	0	24
25	---	0	0	0	0	0	0	0	0	0	0	0	25
26	---	0	0	0	0	0	0	0	0	0	0	0	26
27	---	0	0	0	0	0	0	0	0	0	0	0	27
28	---	0	0	0	0.0352	0	0	0	0	0	0	0	28
29	---	0	0.0127	0	0	0	0	0	0	0	0	0	29
30	---		0	0	0	0	0	0	0	0	0	0	30
31	---		0	0	0	0	0	0	0	0	0	0	31
TOTAL	---	0.0028	143	1.26	0.0352	0	0	0	0	0	0	0	TOTAL
MEAN	---	0.0001	4.62	0.0419	0.0011	0	0	0	0	0	0	0	MEAN
ST.D.	---	0.0005	19.8	0.225	0.0063	0	0	0	0	0	0	0	ST.D.
MAX	---	0.0028	105	1.23	0.0352	0	0	0	0	0	0	0	MAX
MIN	---	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	0.0463	1758	20.5	0.586	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

LOAD ESTIMATION PROCEDURE USED: PL Regression

Fitted curve is A0= 0.0000 A1= 2.8881 B1= 1.1737 A2= 0.0000 B2= 0.0000 R^2= 0.9114 N= 17.

TOTAL LOAD FOR YEAR, 144

TOTAL DAILY DISCHARGE FOR 1992 Kettle Test Microbasin 1 (KTB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	386	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	1.08	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	1.08	---	---	---	---	---	---	---	---	24
25	---	---	---	1089	---	---	---	---	---	---	---	---	25
26	---	---	150	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---	---	---	---	---	---	---	---	---	---	---	---	30
31	---	---	---	---	---	---	---	---	---	---	---	---	31
TOTAL	---	---	150#	1477#	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	150	369	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	512	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	150	1089	---	---	---	---	---	---	---	---	MAX
MIN	---	---	150	1.08	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	2.50	18.2	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 1627
DRAINAGE AREA (hectares), 6.0

Watershed: Kettle Test Microbasin 1 (KTB1) Area: 6. hectares

Daily Total Suspended Solids Loads for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	0.896*	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	0.0000	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	0	---	---	---	---	---	---	---	---	23
24	---	---	---	8.73	---	---	---	---	---	---	---	---	24
25	---	---	0.154	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	0.154#	9.63#	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	0.154	2.41	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	4.24	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	0.154	8.73	---	---	---	---	---	---	---	---	MAX
MIN	---	---	0.154	0	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	2.56	145	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 9.78

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 86667.5547 B1= 2.0753 A2= 0.0000 B2= 0.0000 R^2= 0.9989 N= 3.

Watershed: Kettle Test Microbasin 1 (KTB1) Area: 6. hectares

Daily Total Phosphorous Loadings for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	2.14*	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	0.0001	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	0.0001	---	---	---	---	---	---	---	---	23
24	---	---	---	16.8	---	---	---	---	---	---	---	---	24
25	---	---	0.435	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	0.435#	19.0#	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	0.435	4.74	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	8.12	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	0.435	16.8	---	---	---	---	---	---	---	---	MAX
MIN	---	---	0.435	0.0001	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	7.25	280	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 19.4

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 110.3547 B1= 1.8785 A2= 0.0000 B2= 0.0000 R^2= 0.9990 N= 3.

TOTAL DAILY DISCHARGE FOR 1989 Kettle Test Microbasin 2 (KTB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 0
DRAINAGE AREA (hectares), 5.1

Watershed: Kettle Test Microbasin 2 (KTB2) Area: 5. hectares

Daily Total Suspended Solids Loads for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.NaN0 B1= 0.NaN0 A2= 0.0000 B2= 0.0000 R^2= 0.NaN0 N= 0.

Watershed: Kettle Test Microbasin 2 (KTB2) Area: 5. hectares

Daily Total Phosphorous Loadings for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.NaN0 B1= 0.NaN0 A2= 0.0000 B2= 0.0000 R^2= 0.NaN0 N= 0.

TOTAL DAILY DISCHARGE FOR 1990 Kettle Test Microbasin 2 (KTB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	---	---	---	0	---	---	---	---	1
2	---	---	---	0	---	---	---	0	---	---	0	---	2
3	---	---	---	---	---	---	---	---	---	---	0	---	3
4	---	---	---	---	---	---	---	---	---	1.08	0	---	4
5	---	---	---	---	---	---	---	---	---	---	838	---	5
6	---	---	---	0	---	0	---	---	0	---	63.0	---	6
7	---	---	---	0	---	0	---	---	---	---	0	---	7
8	---	---	---	0	---	0.360	---	---	---	---	0	---	8
9	---	---	---	0	---	0	---	---	---	34.2	0	---	9
10	---	---	---	65.5	---	0	---	---	---	45.0	0	---	10
11	---	---	---	2.52	---	---	---	---	---	149	---	---	11
12	---	---	37.4	0	---	---	---	---	---	148	---	---	12
13	---	---	0	0	---	---	---	---	---	0	---	---	13
14	---	---	0	---	---	---	0	---	44.6	0	---	---	14
15	---	---	0	---	0	---	0	---	---	---	---	---	15
16	---	---	2.16	---	38.2	---	0	---	---	---	---	---	16
17	---	---	0	---	50.4	---	0	---	---	0	---	---	17
18	---	---	0	---	0	---	0	---	---	1422	---	---	18
19	---	---	---	0	0	---	---	---	---	0	---	---	19
20	---	---	---	0	---	---	---	---	---	---	---	---	20
21	---	---	---	0	---	---	---	---	---	---	0	---	21
22	---	---	---	0	---	---	---	---	---	---	14.4	---	22
23	---	---	---	0	---	13.3	---	---	---	---	0	---	23
24	---	---	---	---	---	---	---	---	---	---	0	---	24
25	---	---	---	---	---	---	---	---	---	---	0	---	25
26	---	---	---	---	---	---	---	---	---	---	0	---	26
27	---	---	---	---	---	---	---	---	---	---	7.56	---	27
28	---	---	---	---	---	---	---	---	---	---	2.52	---	28
29	---		0	---	---	---	---	---	---	---	---	---	29
30	---		0	---	---	---	0	---	---	---	---	---	30
31	---		0		---		0	---		---		---	31
TOTAL	---	---	39.6#	68.0#	88.6#	13.7#	0 #	0 #	44.6#	1800#	926#	---	TOTAL
MEAN	---	---	3.96	4.54	17.7	2.28	0	0	22.3	180	54.5	---	MEAN
ST.D.	---	---	11.8	16.9	24.6	5.41	0	0	31.6	440	202	---	ST.D.
MAX	---	---	37.4	65.5	50.4	13.3	0	0	44.6	1422	838	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	0	---	MIN
MAX DLY AVG AREA FLOWS	---	---	0.734	1.28	0.988	0.261	---	---	0.875	27.9	16.4	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 2981
DRAINAGE AREA (hectares), 5.1

Watershed: Kettle Test Microbasin 2 (KTB2) Area: 5. hectares

Daily Total Suspended Solids Loads for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	---	---	---	0	---	---	---	---	1
2	---	---	---	0	---	---	---	0	---	---	0	---	2
3	---	---	---	---	---	---	---	---	---	---	0	---	3
4	---	---	---	---	---	---	---	---	---	0.0001*	0	---	4
5	---	---	---	---	---	---	---	---	---	---	0.740*	---	5
6	---	---	---	0	---	0	---	---	0	---	0.0123	---	6
7	---	---	---	0	---	0	---	---	---	---	0	---	7
8	---	---	---	0	---	0.0001*	---	---	---	---	0	---	8
9	---	---	---	0	---	0	---	---	---	0.0040*	0	---	9
10	---	---	---	0.0116*	---	0	---	---	---	0.0136	0	---	10
11	---	---	---	0.0001	---	---	---	---	---	0.0868	---	---	11
12	---	---	0.0063*	0	---	---	---	---	---	0.0704*	---	---	12
13	---	---	0.0002*	0	---	---	---	---	---	0	---	---	13
14	---	---	0.0001*	---	---	---	0	---	0.0128	0	---	---	14
15	---	---	0	---	0	---	0	---	---	---	---	---	15
16	---	---	0.0002*	---	0.0080*	---	0	---	---	---	---	---	16
17	---	---	0	---	0.0154*	---	0	---	---	0	---	---	17
18	---	---	0	---	0	---	0	---	---	2.64*	---	---	18
19	---	---	---	0	0	---	---	---	---	0	---	---	19
20	---	---	---	0	---	---	---	---	---	---	---	---	20
21	---	---	---	0	---	---	---	---	---	---	0	---	21
22	---	---	---	0	---	---	---	---	---	---	0.0018	---	22
23	---	---	---	0	---	0.0030*	---	---	---	---	0	---	23
24	---	---	---	---	---	---	---	---	---	---	0	---	24
25	---	---	---	---	---	---	---	---	---	---	0	---	25
26	---	---	---	---	---	---	---	---	---	---	0	---	26
27	---	---	---	---	---	---	---	---	---	---	0.0009	---	27
28	---	---	---	---	---	---	---	---	---	---	0.0001	---	28
29	---		0	---	---	---	---	---	---	---	---	---	29
30	---		0	---	---	---	0	---	---	---	---	---	30
31	---		0		---		0	---		---		---	31
TOTAL	---	---	0.0068#	0.0117#	0.0233#	0.0031#	0 #	0 #	0.0128#	2.82#	0.755#	---	TOTAL
MEAN	---	---	0.0007	0.0008	0.0047	0.0005	0	0	0.0064	0.282	0.0444	---	MEAN
ST.D.	---	---	0.0020	0.0030	0.0069	0.0012	0	0	0.0090	0.830	0.179	---	ST.D.
MAX	---	---	0.0063	0.0116	0.0154	0.0030	0	0	0.0128	2.64	0.740	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	0	---	MIN
MAX DLY AVG AREA LOADS	---	---	0.123	0.228	0.301	0.0594	---	---	0.251	51.8	14.5	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 3.63

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 10812.7236 B1= 1.6715 A2= 0.0000 B2= 0.0000 R^2= 0.8364 N= 41.

Watershed: Kettle Test Microbasin 2 (KTB2) Area: 5. hectares

Daily Total Phosphorous Loadings for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	---	---	---	0	---	---	---	---	1
2	---	---	---	0	---	---	---	0	---	---	0	---	2
3	---	---	---	---	---	---	---	---	---	---	0	---	3
4	---	---	---	---	---	---	---	---	---	0.0004*	0	---	4
5	---	---	---	---	---	---	---	---	---	---	1.44*	---	5
6	---	---	---	0	---	0	---	---	0	---	0.0332	---	6
7	---	---	---	0	---	0	---	---	---	---	0	---	7
8	---	---	---	0	---	0.0004*	---	---	---	---	0	---	8
9	---	---	---	0	---	0	---	---	---	0.0119*	0	---	9
10	---	---	---	0.0322*	---	0	---	---	---	0.0327	0	---	10
11	---	---	---	0.0004	---	---	---	---	---	0.184	---	---	11
12	---	---	0.0173*	0	---	---	---	---	---	0.156*	---	---	12
13	---	---	0.0008*	0	---	---	---	---	---	0	---	---	13
14	---	---	0.0004*	---	---	---	0	---	0.0319	0	---	---	14
15	---	---	0	---	0	---	0	---	---	---	---	---	15
16	---	---	0.0007*	---	0.0213*	---	0	---	---	---	---	---	16
17	---	---	0	---	0.0373*	---	0	---	---	0	---	---	17
18	---	---	0	---	0	---	0	---	---	4.35*	---	---	18
19	---	---	---	0	0	---	---	---	---	0	---	---	19
20	---	---	---	0	---	---	---	---	---	---	---	---	20
21	---	---	---	0	---	---	---	---	---	---	0	---	21
22	---	---	---	0	---	---	---	---	---	---	0.0054	---	22
23	---	---	---	0	---	0.0080*	---	---	---	---	0	---	23
24	---	---	---	---	---	---	---	---	---	---	0	---	24
25	---	---	---	---	---	---	---	---	---	---	0	---	25
26	---	---	---	---	---	---	---	---	---	---	0	---	26
27	---	---	---	---	---	---	---	---	---	---	0.0027	---	27
28	---	---	---	---	---	---	---	---	---	---	0.0003	---	28
29	---		0	---	---	---	---	---	---	---	---	---	29
30	---		0	---	---	---	0	---	---	---	---	---	30
31	---		0		---		0	---		---		---	31
TOTAL	---	---	0.0192#	0.0326#	0.0586#	0.0084#	0 #	0 #	0.0319#	4.73#	1.48#	---	TOTAL
MEAN	---	---	0.0019	0.0022	0.0117	0.0014	0	0	0.0160	0.473	0.0869	---	MEAN
ST.D.	---	---	0.0054	0.0083	0.0170	0.0032	0	0	0.0226	1.36	0.348	---	ST.D.
MAX	---	---	0.0173	0.0322	0.0373	0.0080	0	0	0.0319	4.35	1.44	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	0	---	MIN
MAX DLY AVG AREA LOADS	---	---	0.339	0.631	0.732	0.157	---	---	0.626	85.3	28.2	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 6.36

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 12.3068 B1= 1.5257 A2= 0.0000 B2= 0.0000 R^2= 0.9264 N= 41.

TOTAL DAILY DISCHARGE FOR 1991 Kettle Test Microbasin 2 (KTB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	7.20	---	---	0	---	---	---	---	---	---	1
2	---	---	562	---	---	---	---	---	---	---	---	---	2
3	---	---	9.72	---	---	---	---	---	---	---	---	---	3
4	---	342	0	0	---	---	---	---	---	---	---	---	4
5	---	---	0	0	---	---	---	---	---	---	---	---	5
6	---	---	735	0	---	---	---	---	---	---	---	---	6
7	---	---	12.6	0	---	---	---	---	---	---	---	---	7
8	---	---	0	0	---	---	---	---	---	---	---	0	8
9	---	---	---	4.68	---	---	---	---	---	---	---	0	9
10	---	---	---	0	---	---	---	---	---	---	---	---	10
11	---	---	---	0	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	29.9	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	58.0	---	---	---	---	---	---	---	---	---	18
19	---	---	0	0	---	---	---	---	---	---	---	---	19
20	---	---	0	41.8	---	---	---	---	---	---	---	---	20
21	---	---	0	0	---	---	---	---	---	---	---	---	21
22	---	---	0	0	---	---	---	---	---	---	---	---	22
23	---	---	0	---	---	---	---	---	---	---	---	---	23
24	---	---	0	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	0	---	---	---	---	---	---	---	---	---	26
27	---	---	6.48	---	---	---	---	---	---	---	---	---	27
28	---	---	7.20	---	0	---	---	---	---	---	---	---	28
29	---		0	---	0	---	---	---	---	---	---	---	29
30	---		0	---	0	---	---	---	---	---	---	---	30
31	---		---		0		---	---		---		---	31
TOTAL	---	342#	1399#	76.3#	0 #	0 #	---	---	---	---	---	0 #	TOTAL
MEAN	---	342	70.0	5.87	0	0	---	---	---	---	---	0	MEAN
ST.D.	---	---	200	13.6	0	---	---	---	---	---	---	0	ST.D.
MAX	---	342	735	41.8	0	0	---	---	---	---	---	0	MAX
MIN	---	342	0	0	0	0	---	---	---	---	---	0	MIN
MAX DLY AVG AREA FLOWS	---	6.71	14.4	0.819	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 1818
DRAINAGE AREA (hectares), 5.1

Watershed: Kettle Test Microbasin 2 (KTB2) Area: 5. hectares

Daily Total Suspended Solids Loads for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	---	---	0	---	---	---	---	---	---	1
2	---	---	0.118*	---	---	---	---	---	---	---	---	---	2
3	---	---	0.0023	---	---	---	---	---	---	---	---	---	3
4	---	0.0654*	0	0	---	---	---	---	---	---	---	---	4
5	---	---	0	0	---	---	---	---	---	---	---	---	5
6	---	---	0.149*	0	---	---	---	---	---	---	---	---	6
7	---	---	0.0029	0	---	---	---	---	---	---	---	---	7
8	---	---	0	0	---	---	---	---	---	---	---	0	8
9	---	---	---	0.0014*	---	---	---	---	---	---	---	0	9
10	---	---	---	0	---	---	---	---	---	---	---	---	10
11	---	---	---	0	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	0.0068*	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	0.0132*	---	---	---	---	---	---	---	---	---	18
19	---	---	0	0	---	---	---	---	---	---	---	---	19
20	---	---	0	0.0099*	---	---	---	---	---	---	---	---	20
21	---	---	0	0	---	---	---	---	---	---	---	---	21
22	---	---	0	0	---	---	---	---	---	---	---	---	22
23	---	---	0	---	---	---	---	---	---	---	---	---	23
24	---	---	0	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	0	---	---	---	---	---	---	---	---	---	26
27	---	---	0.0016	---	---	---	---	---	---	---	---	---	27
28	---	---	0.0017	---	0	---	---	---	---	---	---	---	28
29	---		0	---	0	---	---	---	---	---	---	---	29
30	---		0	---	0	---	---	---	---	---	---	---	30
31	---		---		0		---	---		---		---	31
TOTAL	---	0.0654#	0.291#	0.0181#	0 #	0 #	---	---	---	---	---	0 #	TOTAL
MEAN	---	0.0654	0.0146	0.0014	0	0	---	---	---	---	---	0	MEAN
ST.D.	---	---	0.0412	0.0032	0	---	---	---	---	---	---	0	ST.D.
MAX	---	0.0654	0.149	0.0099	0	0	---	---	---	---	---	0	MAX
MIN	---	0.0654	0	0	0	0	---	---	---	---	---	0	MIN
MAX DLY AVG AREA LOADS	---	1.28	2.93	0.193	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.375

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 161.1458 B1= 0.9421 A2= 0.0000 B2= 0.0000 R^2= 0.5915 N= 20.

Watershed: Kettle Test Microbasin 2 (KTB2) Area: 5. hectares

Daily Total Phosphorous Loadings for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0045	---	---	0	---	---	---	---	---	---	1
2	---	---	0.321*	---	---	---	---	---	---	---	---	---	2
3	---	---	0.0059	---	---	---	---	---	---	---	---	---	3
4	---	0.186*	0	0	---	---	---	---	---	---	---	---	4
5	---	---	0	0	---	---	---	---	---	---	---	---	5
6	---	---	0.412*	0	---	---	---	---	---	---	---	---	6
7	---	---	0.0076	0	---	---	---	---	---	---	---	---	7
8	---	---	0	0	---	---	---	---	---	---	---	0	8
9	---	---	---	0.0036*	---	---	---	---	---	---	---	0	9
10	---	---	---	0	---	---	---	---	---	---	---	---	10
11	---	---	---	0	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	0.0178*	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	0.0350*	---	---	---	---	---	---	---	---	---	18
19	---	---	0	0	---	---	---	---	---	---	---	---	19
20	---	---	0	0.0256*	---	---	---	---	---	---	---	---	20
21	---	---	0	0	---	---	---	---	---	---	---	---	21
22	---	---	0	0	---	---	---	---	---	---	---	---	22
23	---	---	0	---	---	---	---	---	---	---	---	---	23
24	---	---	0	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	0	---	---	---	---	---	---	---	---	---	26
27	---	---	0.0040	---	---	---	---	---	---	---	---	---	27
28	---	---	0.0044	---	0	---	---	---	---	---	---	---	28
29	---		0	---	0	---	---	---	---	---	---	---	29
30	---		0	---	0	---	---	---	---	---	---	---	30
31	---		---		0		---	---		---		---	31
TOTAL	---	0.186#	0.794#	0.0469#	0 #	0 #	---	---	---	---	---	0 #	TOTAL
MEAN	---	0.186	0.0397	0.0036	0	0	---	---	---	---	---	0	MEAN
ST.D.	---	---	0.113	0.0082	0	---	---	---	---	---	---	0	ST.D.
MAX	---	0.186	0.412	0.0256	0	0	---	---	---	---	---	0	MAX
MIN	---	0.186	0	0	0	0	---	---	---	---	---	0	MIN
MAX DLY AVG AREA LOADS	---	3.65	8.09	0.501	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 1.03

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.4998 B1= 0.9712 A2= 0.0000 B2= 0.0000 R^2= 0.6816 N= 20.

TOTAL DAILY DISCHARGE FOR 1992 Kettle Test Microbasin 2 (KTB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	0	---	---	---	---	---	---	1
2	---	---	---	0	0	0	---	---	---	---	---	---	2
3	---	---	---	0	0	0	---	---	---	---	---	---	3
4	---	---	183	0	0	0	---	---	---	---	---	---	4
5	---	---	34.2	0	0	0	---	---	---	---	---	---	5
6	---	---	2624	0	0	0	---	---	---	---	---	---	6
7	---	---	20820	0	0	0	---	---	---	---	---	---	7
8	---	---	25457	0	0	0	---	---	---	---	---	---	8
9	---	---	839	0	0	0	---	---	---	---	---	---	9
10	---	---	1155	0	0	0	---	---	---	---	---	---	10
11	---	---	0	0	0	0	---	---	---	---	---	---	11
12	---	---	0	0	0	0	---	---	---	---	---	---	12
13	---	---	0	0	0	0	---	---	---	---	---	---	13
14	---	---	0	0	0	0	---	---	---	---	---	---	14
15	---	---	0	0	0	0	---	---	---	---	---	---	15
16	---	---	0	580	0	0	---	---	---	---	---	---	16
17	---	---	0	0	0	0	---	---	---	---	---	---	17
18	---	---	0	0	0	0	---	---	---	---	---	---	18
19	---	---	0	0	0	0	---	---	---	---	---	---	19
20	---	---	0	0	0	0	---	---	---	---	---	---	20
21	---	---	0	1.44	0	0	---	---	---	---	---	---	21
22	---	---	0	0	0	0	---	---	---	---	---	---	22
23	---	---	0	1.08	0	0	---	---	---	---	---	---	23
24	---	---	0	1756	0	0	---	---	---	---	---	---	24
25	---	---	226	0	0	0	---	---	---	---	---	---	25
26	---	---	0	0	0	0	---	---	---	---	---	---	26
27	---	---	0	0	0	0	---	---	---	---	---	---	27
28	---	---	0	0	0	0	---	---	---	---	---	---	28
29	---	---	0	0	0	0	---	---	---	---	---	---	29
30	---		0	0	0	0	---	---	---	---	---	---	30
31	---		0		0		---	---		---		---	31
TOTAL	---	---	51342#	2339	0	0	---	---	---	---	---	---	TOTAL
MEAN	---	---	1833	78.0	0	0	---	---	---	---	---	---	MEAN
ST.D.	---	---	6075	334	0	0	---	---	---	---	---	---	ST.D.
MAX	---	---	25457	1756	0	0	---	---	---	---	---	---	MAX
MIN	---	---	0	0	0	0	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	499	34.4	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 53681
DRAINAGE AREA (hectares), 5.1

Watershed: Kettle Test Microbasin 2 (KTB2) Area: 5. hectares

Daily Total Suspended Solids Loads for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	0	---	---	---	---	---	---	1
2	---	---	---	0	0	0	---	---	---	---	---	---	2
3	---	---	---	0	0	0	---	---	---	---	---	---	3
4	---	---	0.0088	0	0	0	---	---	---	---	---	---	4
5	---	---	0.0012	0	0	0	---	---	---	---	---	---	5
6	---	---	0.281*	0	0	0	---	---	---	---	---	---	6
7	---	---	2.51*	0	0	0	---	---	---	---	---	---	7
8	---	---	3.22	0	0	0	---	---	---	---	---	---	8
9	---	---	0.0603*	0	0	0	---	---	---	---	---	---	9
10	---	---	0.102*	0	0	0	---	---	---	---	---	---	10
11	---	---	0	0	0	0	---	---	---	---	---	---	11
12	---	---	0	0	0	0	---	---	---	---	---	---	12
13	---	---	0	0	0	0	---	---	---	---	---	---	13
14	---	---	0	0	0	0	---	---	---	---	---	---	14
15	---	---	0	0	0	0	---	---	---	---	---	---	15
16	---	---	0	0.0424*	0	0	---	---	---	---	---	---	16
17	---	---	0	0	0	0	---	---	---	---	---	---	17
18	---	---	0	0	0	0	---	---	---	---	---	---	18
19	---	---	0	0	0	0	---	---	---	---	---	---	19
20	---	---	0	0	0	0	---	---	---	---	---	---	20
21	---	---	0	0.0000	0	0	---	---	---	---	---	---	21
22	---	---	0	0	0	0	---	---	---	---	---	---	22
23	---	---	0	0.0000	0	0	---	---	---	---	---	---	23
24	---	---	0	0.173	0	0	---	---	---	---	---	---	24
25	---	---	0.0141	0	0	0	---	---	---	---	---	---	25
26	---	---	0	0	0	0	---	---	---	---	---	---	26
27	---	---	0	0	0	0	---	---	---	---	---	---	27
28	---	---	0	0	0	0	---	---	---	---	---	---	28
29	---	---	0	0	0	0	---	---	---	---	---	---	29
30	---		0	0	0	0	---	---	---	---	---	---	30
31	---		0		0		---	---		---		---	31
TOTAL	---	---	6.20#	0.216	0	0	---	---	---	---	---	---	TOTAL
MEAN	---	---	0.221	0.0072	0	0	---	---	---	---	---	---	MEAN
ST.D.	---	---	0.755	0.0323	0	0	---	---	---	---	---	---	ST.D.
MAX	---	---	3.22	0.173	0	0	---	---	---	---	---	---	MAX
MIN	---	---	0	0	0	0	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	63.1	3.40	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 6.41

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 166.1539 B1= 1.2590 A2= 0.0000 B2= 0.0000 R^2= 0.7583 N= 13.

Watershed: Kettle Test Microbasin 2 (KTB2) Area: 5. hectares

Daily Total Phosphorous Loadings for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	0	---	---	---	---	---	---	1
2	---	---	---	0	0	0	---	---	---	---	---	---	2
3	---	---	---	0	0	0	---	---	---	---	---	---	3
4	---	---	0.0421	0	0	0	---	---	---	---	---	---	4
5	---	---	0.0060	0	0	0	---	---	---	---	---	---	5
6	---	---	1.13*	0	0	0	---	---	---	---	---	---	6
7	---	---	9.79*	0	0	0	---	---	---	---	---	---	7
8	---	---	12.4	0	0	0	---	---	---	---	---	---	8
9	---	---	0.263*	0	0	0	---	---	---	---	---	---	9
10	---	---	0.425*	0	0	0	---	---	---	---	---	---	10
11	---	---	0	0	0	0	---	---	---	---	---	---	11
12	---	---	0	0	0	0	---	---	---	---	---	---	12
13	---	---	0	0	0	0	---	---	---	---	---	---	13
14	---	---	0	0	0	0	---	---	---	---	---	---	14
15	---	---	0	0	0	0	---	---	---	---	---	---	15
16	---	---	0	0.184*	0	0	---	---	---	---	---	---	16
17	---	---	0	0	0	0	---	---	---	---	---	---	17
18	---	---	0	0	0	0	---	---	---	---	---	---	18
19	---	---	0	0	0	0	---	---	---	---	---	---	19
20	---	---	0	0	0	0	---	---	---	---	---	---	20
21	---	---	0	0.0002	0	0	---	---	---	---	---	---	21
22	---	---	0	0	0	0	---	---	---	---	---	---	22
23	---	---	0	0.0001	0	0	---	---	---	---	---	---	23
24	---	---	0	0.706	0	0	---	---	---	---	---	---	24
25	---	---	0.0637	0	0	0	---	---	---	---	---	---	25
26	---	---	0	0	0	0	---	---	---	---	---	---	26
27	---	---	0	0	0	0	---	---	---	---	---	---	27
28	---	---	0	0	0	0	---	---	---	---	---	---	28
29	---	---	0	0	0	0	---	---	---	---	---	---	29
30	---		0	0	0	0	---	---	---	---	---	---	30
31	---		0		0		---	---		---		---	31
TOTAL	---	---	24.2#	0.890	0	0	---	---	---	---	---	---	TOTAL
MEAN	---	---	0.863	0.0297	0	0	---	---	---	---	---	---	MEAN
ST.D.	---	---	2.93	0.132	0	0	---	---	---	---	---	---	ST.D.
MAX	---	---	12.4	0.706	0	0	---	---	---	---	---	---	MAX
MIN	---	---	0	0	0	0	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	244	13.8	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 25.1

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.6058 B1= 1.2026 A2= 0.0000 B2= 0.0000 R^2= 0.8347 N= 13.

KETTLE CREEK CONTROL MICROBASIN WATER QUALITY LOADS

/charge/4100./data/loadsmicro/kcb1.flow89.out Tue Feb 16 14:06:41 1993

TOTAL DAILY DISCHARGE FOR 1989 Kettle Control Microbasin 1 (KCB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 0
DRAINAGE AREA (hectares), 8.5

Watershed: Kettle Control Microbasin 1 (KCB1) Area: 8. hectares

Daily Total Suspended Solids Loads for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---	---	---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.NaN0 B1= 0.NaN0 A2= 0.0000 B2= 0.0000 R^2= 0.NaN0 N= 0.

Watershed: Kettle Control Microbasin 1 (KCB1) Area: 8. hectares

Daily Total Phosphorous Loadings for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.NaN0 B1= 0.NaN0 A2= 0.0000 B2= 0.0000 R^2= 0.NaN0 N= 0.

TOTAL DAILY DISCHARGE FOR 1990 Kettle Control Microbasin 1 (KCB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	---	---	0	0	0	0	---	0	1
2	---	---	---	0	---	0	0	0	0	0	0	0	2
3	---	---	---	---	---	0	0	---	0	0	0	1.08	3
4	---	---	---	---	---	0	0	---	0	621	0	1095	4
5	---	---	---	---	---	0	0	---	0	0	3586	---	5
6	---	---	---	---	---	0	0	---	16.6	0	755	---	6
7	---	---	---	---	---	0	0	---	82.8	0	0	---	7
8	---	---	---	---	---	18.4	---	---	0	0	0	---	8
9	---	---	---	---	---	0	---	---	---	1086	59.4	---	9
10	---	---	---	0	---	0	---	---	---	385	7.20	---	10
11	---	---	---	8.28	0	0	---	---	---	931	---	---	11
12	---	---	---	0	0	0	---	---	---	1047	---	---	12
13	---	---	144	0	2.52	0	---	---	---	43.6	---	---	13
14	---	---	29.2	4.32	0	0	219	---	1567	1.44	---	---	14
15	---	---	17.3	5.04	0	0	47.2	---	199	0	---	---	15
16	---	---	37.4	0	237	0	0	---	0	0	0	---	16
17	---	---	15.1	3.60	790	0	0	---	0	0	0	---	17
18	---	---	3.60	---	9.36	0	0	---	0	1184	0	---	18
19	---	---	3.24	0	0	---	0	---	0	0	0	---	19
20	---	---	2.16	4.32	113	---	0	---	---	0	0	---	20
21	---	---	3.24	14.8	4.32	---	0	---	1.80	---	0	---	21
22	---	---	9.00	0	0	0	0	---	2.52	---	565	---	22
23	---	---	34.2	0	0	16.9	2.52	---	2.52	---	10.4	---	23
24	---	---	---	---	0	0	0	0	5.40	---	2.88	---	24
25	---	---	---	---	0	0	0	0	0	---	---	---	25
26	---	---	---	---	---	0	0	0	0	---	0	---	26
27	---	---	---	---	---	0	---	93.6	0	---	366	---	27
28	---	---	---	---	---	0	---	4036	0	---	523	---	28
29	---		0	---	---	0	---	44.6	0	---	3.24	---	29
30	---		5.76	---	---	1.44	94.7	0.360	0	---	0	---	30
31	---		2.52		---		0	0		---		---	31
TOTAL	---	---	307#	40.3#	1158#	36.7#	363#	4175#	1878#	5301#	5880#	1096#	TOTAL
MEAN	---	---	21.9	2.69	77.2	1.41	16.5	417	78.3	265	255	274	MEAN
ST.D.	---	---	37.4	4.26	207	4.79	50.4	1272	320	440	758	547	ST.D.
MAX	---	---	144	14.8	790	18.4	219	4036	1567	1184	3586	1095	MAX
MIN	---	---	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA FLOWS	---	---	1.70	0.174	9.30	0.216	2.58	47.5	18.4	13.9	42.2	12.9	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 20238
DRAINAGE AREA (hectares), 8.5

Watershed: Kettle Control Microbasin 1 (KCB1) Area: 8. hectares

Daily Total Suspended Solids Loads for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	---	---	0	0	0	0	---	0	1
2	---	---	---	0	---	0	0	0	0	0	0	0	2
3	---	---	---	---	---	0	0	---	0	0	0	0.0001	3
4	---	---	---	---	---	0	0	---	0	0.224*	0	0.368	4
5	---	---	---	---	---	0	0	---	0	0	2.18*	---	5
6	---	---	---	---	---	0	0	---	0.0025	0	0.327	---	6
7	---	---	---	---	---	0	0	---	0.0170	0	0	---	7
8	---	---	---	---	---	0.0029*	---	---	0	0	0	---	8
9	---	---	---	---	---	0	---	---	---	0.379*	0.0105	---	9
10	---	---	---	0.0001*	---	0	---	---	---	0.104	0.0006	---	10
11	---	---	---	0.0004	0	0	---	---	---	0.415	---	---	11
12	---	---	---	0	0	0	---	---	---	0.426*	---	---	12
13	---	---	0.0262*	0	0.0001	0	---	---	---	0.0060	---	---	13
14	---	---	0.0022	0.0002	0	0	0.0667*	---	0.785*	0.0001	---	---	14
15	---	---	0.0010	0.0002	0	0	0.0084	---	0.0585	0	---	---	15
16	---	---	0.0036	0	0.0569*	0	0	---	0	0	0	---	16
17	---	---	0.0009	0.0002	0.321*	0	0	---	0	0	0	---	17
18	---	---	0.0002	---	0.0006	0	0	---	0	0.523*	0	---	18
19	---	---	0.0001	0	0	---	0	---	0	0	0	---	19
20	---	---	0.0001	0.0003	0.0245	---	0	---	---	0	0	---	20
21	---	---	0.0001	0.0009	0.0002	---	0	---	0.0001	---	0	---	21
22	---	---	0.0004	0	0	0	0	---	0.0001	---	0.181	---	22
23	---	---	0.0042	0	0	0.0026*	0.0001	---	0.0002	---	0.0005	---	23
24	---	---	---	---	0	0	0	0	0.0003	---	0.0001	---	24
25	---	---	---	---	0	0	0	0	0	---	---	---	25
26	---	---	---	---	---	0	0	0	0	---	0	---	26
27	---	---	---	---	---	0	---	0.0248	0	---	0.0835	---	27
28	---	---	---	---	---	0	---	2.99*	0	---	0.167	---	28
29	---		0	---	---	0	---	0.0084	0	---	0.0001	---	29
30	---		0.0003	---	---	0.0001	0.0264*	0.0000	0	---	0	---	30
31	---		0.0001		---		0	0		---		---	31
TOTAL	---	---	0.0394#	0.0023#	0.403#	0.0056#	0.102#	3.02#	0.863#	2.08#	2.94#	0.368#	TOTAL
MEAN	---	---	0.0028	0.0002	0.0269	0.0002	0.0046	0.302	0.0360	0.104	0.128	0.0919	MEAN
ST.D.	---	---	0.0069	0.0002	0.0827	0.0007	0.0150	0.943	0.160	0.180	0.454	0.184	ST.D.
MAX	---	---	0.0262	0.0009	0.321	0.0029	0.0667	2.99	0.785	0.523	2.18	0.368	MAX
MIN	---	---	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	---	0.308	0.0108	3.77	0.0340	0.785	35.1	9.23	6.16	25.6	4.33	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 9.83

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 1599.9780 B1= 1.3891 A2= 0.0000 B2= 0.0000 R^2= 0.7095 N= 49.

Watershed: Kettle Control Microbasin 1 (KCB1) Area: 8. hectares

Daily Total Phosphorous Loadings for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	---	---	0	0	0	0	---	0	1
2	---	---	---	0	---	0	0	0	0	0	0	0	2
3	---	---	---	---	---	0	0	---	0	0	0	0.0001	3
4	---	---	---	---	---	0	0	---	0	0.539*	0	0.855	4
5	---	---	---	---	---	0	0	---	0	0	6.22*	---	5
6	---	---	---	---	---	0	0	---	0.0044	0	0.834	---	6
7	---	---	---	---	---	0	0	---	0.0336	0	0	---	7
8	---	---	---	---	---	0.0052*	---	---	0	0	0	---	8
9	---	---	---	---	---	0	---	---	---	0.898*	0.0196	---	9
10	---	---	---	0.0002*	---	0	---	---	---	0.228	0.0009	---	10
11	---	---	---	0.0005	0	0	---	---	---	1.07	---	---	11
12	---	---	---	0	0	0	---	---	---	1.06*	---	---	12
13	---	---	0.0496*	0	0.0002	0	---	---	---	0.0106	---	---	13
14	---	---	0.0030	0.0002	0	0	0.150*	---	2.09*	0.0001	---	---	14
15	---	---	0.0013	0.0003	0	0	0.0159	---	0.131	0	---	---	15
16	---	---	0.0057	0	0.118*	0	0	---	0	0	0	---	16
17	---	---	0.0011	0.0002	0.808*	0	0	---	0	0	0	---	17
18	---	---	0.0002	---	0.0007	0	0	---	0	1.34*	0	---	18
19	---	---	0.0002	0	0	---	0	---	0	0	0	---	19
20	---	---	0.0001	0.0003	0.0497	---	0	---	---	0	0	---	20
21	---	---	0.0002	0.0012	0.0002	---	0	---	0.0001	---	0	---	21
22	---	---	0.0005	0	0	0	0	---	0.0001	---	0.415	---	22
23	---	---	0.0070	0	0	0.0045*	0.0002	---	0.0002	---	0.0006	---	23
24	---	---	---	---	0	0	0	0	0.0003	---	0.0001	---	24
25	---	---	---	---	0	0	0	0	0	---	---	---	25
26	---	---	---	---	---	0	0	0	0	---	0	---	26
27	---	---	---	---	---	0	---	0.0538	0	---	0.171	---	27
28	---	---	---	---	---	0	---	9.19*	0	---	0.382	---	28
29	---		0	---	---	0	---	0.0167	0	---	0.0002	---	29
30	---		0.0003	---	---	0.0002	0.0575*	0.0000	0	---	0	---	30
31	---		0.0001		---		0	0		---		---	31
TOTAL	---	---	0.0691#	0.0029#	0.977#	0.0099#	0.224#	9.26#	2.26#	5.15#	8.05#	0.855#	TOTAL
MEAN	---	---	0.0049	0.0002	0.0652	0.0004	0.0102	0.926	0.0941	0.258	0.350	0.214	MEAN
ST.D.	---	---	0.0130	0.0003	0.208	0.0013	0.0338	2.90	0.426	0.453	1.30	0.428	ST.D.
MAX	---	---	0.0496	0.0012	0.808	0.0052	0.150	9.19	2.09	1.34	6.22	0.855	MAX
MIN	---	---	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	---	0.583	0.0142	9.51	0.0613	1.77	108	24.6	15.8	73.2	10.1	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 26.9

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 6.3323 B1= 1.5229 A2= 0.0000 B2= 0.0000 R^2= 0.7847 N= 49.

TOTAL DAILY DISCHARGE FOR 1991 Kettle Control Microbasin 1 (KCB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	353	0	---	---	---	---	---	---	---	0	1
2	---	---	3021	---	---	---	---	---	---	---	---	0	2
3	---	---	246	---	---	---	---	---	---	---	---	0	3
4	---	983	7.20	0	---	---	---	---	---	---	---	0	4
5	---	---	457	0	---	---	---	---	---	---	---	0	5
6	---	---	4240	0	---	---	---	---	---	---	---	389	6
7	---	---	198	0	---	---	---	---	---	---	---	18.4	7
8	---	---	0	0	---	---	---	---	---	---	---	14.4	8
9	---	---	0	0	---	---	---	---	---	---	---	0	9
10	---	---	2.88	0	---	---	---	---	---	---	---	0	10
11	---	---	0	0	---	---	---	---	---	---	---	0	11
12	---	---	0	0	---	---	---	---	---	---	---	0	12
13	---	---	0	0	---	---	---	---	---	---	---	0	13
14	---	---	1.08	0	---	---	---	---	---	---	0	---	14
15	---	---	3.24	13.0	---	---	---	---	---	---	0	---	15
16	---	---	---	0	---	---	---	---	---	---	0	---	16
17	---	---	---	0	---	---	---	---	---	---	0	---	17
18	---	---	1195	---	---	---	---	---	---	---	0	---	18
19	---	---	119	1.80	---	---	---	---	---	---	0	---	19
20	---	---	0	907	---	---	---	---	---	---	0	---	20
21	---	---	0	34.6	---	---	---	---	---	---	0	---	21
22	---	---	0	5.76	---	---	---	---	---	---	0	---	22
23	---	---	32.0	0	0	---	---	---	---	---	0	---	23
24	---	---	32.8	0	0	---	---	---	---	1.08	0	---	24
25	---	---	6.48	---	0	---	---	---	---	7.92	0	---	25
26	---	---	0	---	6.48	---	---	---	---	1.80	0	---	26
27	---	---	1031	---	0	---	---	---	---	0	0.720	---	27
28	---	---	363	---	0	---	---	---	---	0	8.64	---	28
29	---		0	---	0	---	---	---	---	---	13.0	---	29
30	---		0	---	0	---	---	---	---	---	4.32	---	30
31	---		0		---		---	---		---		---	31
TOTAL	---	983#	11312#	962#	6.48#	---	---	---	---	10.8#	26.6#	421#	TOTAL
MEAN	---	983	390	45.8	0.810	---	---	---	---	2.16	1.57	32.5	MEAN
ST.D.	---	---	959	197	2.29	---	---	---	---	3.31	3.71	107	ST.D.
MAX	---	983	4240	907	6.48	---	---	---	---	7.92	13.0	389	MAX
MIN	---	983	0	0	0	---	---	---	---	0	0	0	MIN
MAX DLY AVG AREA FLOWS	---	11.6	49.9	10.7	0.0762	---	---	---	---	0.0932	0.152	4.58	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 13725
DRAINAGE AREA (hectares), 8.5

Watershed: Kettle Control Microbasin 1 (KCB1) Area: 8. hectares

Daily Total Suspended Solids Loads for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0341	0	---	---	---	---	---	---	---	0	1
2	---	---	1.10*	---	---	---	---	---	---	---	---	0	2
3	---	---	0.0243	---	---	---	---	---	---	---	---	0	3
4	---	0.350*	0.0000	0	---	---	---	---	---	---	---	0	4
5	---	---	0.0766	0	---	---	---	---	---	---	---	0	5
6	---	---	2.21*	0	---	---	---	---	---	---	---	0	6
7	---	---	0.0251	0	---	---	---	---	---	---	---	0.235	7
8	---	---	0	0	---	---	---	---	---	---	---	0.0001	8
9	---	---	0	0	---	---	---	---	---	---	---	0.0001	9
10	---	---	0	0	---	---	---	---	---	---	---	0	10
11	---	---	0	0	---	---	---	---	---	---	---	0	11
12	---	---	0	0	---	---	---	---	---	---	---	0	12
13	---	---	0	0	---	---	---	---	---	---	---	0	13
14	---	---	0	0	---	---	---	---	---	---	0	---	14
15	---	---	0.0000	0.0001	---	---	---	---	---	---	0	---	15
16	---	---	---	0	---	---	---	---	---	---	0	---	16
17	---	---	---	0	---	---	---	---	---	---	0	---	17
18	---	---	0.254*	---	---	---	---	---	---	---	0	---	18
19	---	---	0.0096	0	---	---	---	---	---	---	0	---	19
20	---	---	0	0.122*	---	---	---	---	---	---	0	---	20
21	---	---	0	0.0008	---	---	---	---	---	---	0	---	21
22	---	---	0	0.0000	---	---	---	---	---	---	0	---	22
23	---	---	0.0009	0	0	---	---	---	---	---	0	---	23
24	---	---	0.0004	0	0	---	---	---	---	0	0	---	24
25	---	---	0.0000	---	0	---	---	---	---	0.0000*	0	---	25
26	---	---	0	---	0.0001	---	---	---	---	0	0	---	26
27	---	---	0.214	---	0	---	---	---	---	0	0	---	27
28	---	---	0.0583	---	0	---	---	---	---	0	0.0000	---	28
29	---		0	---	0	---	---	---	---	---	0.0001*	---	29
30	---		0	---	0	---	---	---	---	---	0	---	30
31	---		0		---		---	---		---		---	31
TOTAL	---	0.350#	4.00#	0.123#	0.0001#	---	---	---	---	0.0000#	0.0001#	0.235#	TOTAL
MEAN	---	0.350	0.138	0.0059	0	---	---	---	---	0	0	0.0181	MEAN
ST.D.	---	---	0.450	0.0267	0.0000	---	---	---	---	0.0000	0.0000	0.0651	ST.D.
MAX	---	0.350	2.21	0.122	0.0001	---	---	---	---	0.0000	0.0001	0.235	MAX
MIN	---	0.350	0	0	0	---	---	---	---	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	4.12	26.0	1.44	0.0009	---	---	---	---	0.0005	0.0008	2.76	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 4.71

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 3567.3687 B1= 1.7992 A2= 0.0000 B2= 0.0000 R^2= 0.8438 N= 23.

Watershed: Kettle Control Microbasin 1 (KCB1) Area: 8. hectares

Daily Total Phosphorous Loadings for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.114	0	---	---	---	---	---	---	---	0	1
2	---	---	2.00*	---	---	---	---	---	---	---	---	0	2
3	---	---	0.0782	---	---	---	---	---	---	---	---	0	3
4	---	0.664*	0.0003	0	---	---	---	---	---	---	---	0	4
5	---	---	0.197	0	---	---	---	---	---	---	---	0	5
6	---	---	3.51*	0	---	---	---	---	---	---	---	0	6
7	---	---	0.0725	0	---	---	---	---	---	---	---	0.354	7
8	---	---	0	0	---	---	---	---	---	---	---	0.0012	8
9	---	---	0	0	---	---	---	---	---	---	---	0.0009	9
10	---	---	0.0001	0	---	---	---	---	---	---	---	0	10
11	---	---	0	0	---	---	---	---	---	---	---	0	11
12	---	---	0	0	---	---	---	---	---	---	---	0	12
13	---	---	0	0	---	---	---	---	---	---	---	0	13
14	---	---	0.0000	0	---	---	---	---	---	---	0	---	14
15	---	---	0.0002	0.0012	---	---	---	---	---	---	0	---	15
16	---	---	---	0	---	---	---	---	---	---	0	---	16
17	---	---	---	0	---	---	---	---	---	---	0	---	17
18	---	---	0.592*	---	---	---	---	---	---	---	0	---	18
19	---	---	0.0342	0.0001	---	---	---	---	---	---	0	---	19
20	---	---	0	0.347*	---	---	---	---	---	---	0	---	20
21	---	---	0	0.0048	---	---	---	---	---	---	0	---	21
22	---	---	0	0.0003	---	---	---	---	---	---	0	---	22
23	---	---	0.0049	0	0	---	---	---	---	---	0	---	23
24	---	---	0.0034	0	0	---	---	---	---	0.0000	0	---	24
25	---	---	0.0003	---	0	---	---	---	---	0.0005*	0	---	25
26	---	---	0	---	0.0006	---	---	---	---	0.0001	0	---	26
27	---	---	0.503	---	0	---	---	---	---	0	0.0000	---	27
28	---	---	0.154	---	0	---	---	---	---	0	0.0003	---	28
29	---		0	---	0	---	---	---	---	---	0.0009*	---	29
30	---		0	---	0	---	---	---	---	---	0.0002	---	30
31	---		0		---		---	---		---		---	31
TOTAL	---	0.664#	7.26#	0.353#	0.0006#	---	---	---	---	0.0006#	0.0014#	0.356#	TOTAL
MEAN	---	0.664	0.250	0.0168	0.0001	---	---	---	---	0.0001	0.0001	0.0274	MEAN
ST.D.	---	---	0.736	0.0756	0.0002	---	---	---	---	0.0002	0.0002	0.0981	ST.D.
MAX	---	0.664	3.51	0.347	0.0006	---	---	---	---	0.0005	0.0009	0.354	MAX
MIN	---	0.664	0	0	0	---	---	---	---	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	7.82	41.3	4.08	0.0075	---	---	---	---	0.0060	0.0101	4.16	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 8.64

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 2.4680 B1= 1.4487 A2= 0.0000 B2= 0.0000 R^2= 0.7947 N= 23.

TOTAL DAILY DISCHARGE FOR 1992 Kettle Control Microbasin 1 (KCB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	6.48	0	---	---	---	---	---	---	---	---	1
2	---	---	0	0	---	---	---	---	---	---	---	---	2
3	---	---	0	0	---	---	---	---	---	---	---	---	3
4	---	---	10.4	0	---	---	---	---	---	---	---	---	4
5	---	---	23.4	0	---	---	---	---	---	---	---	---	5
6	---	---	168	---	---	---	---	---	---	---	---	---	6
7	---	---	783	---	---	---	---	---	---	---	---	---	7
8	---	---	50.8	---	---	---	---	---	---	---	---	---	8
9	---	---	0	---	---	---	---	---	---	---	---	---	9
10	---	---	46.8	---	---	---	---	---	---	---	---	---	10
11	---	---	0	---	---	---	---	---	---	---	---	---	11
12	---	---	0.360	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	829	---	---	---	---	---	---	---	---	16
17	---	10.8	---	0	---	---	---	---	---	---	---	---	17
18	---	67.3	---	0	---	---	---	---	---	---	---	---	18
19	---	514	---	0	---	---	---	---	---	---	---	---	19
20	---	172	---	0	---	---	---	---	---	---	---	---	20
21	---	126	---	5.40	---	---	---	---	---	---	---	---	21
22	---	87.8	---	0	---	---	---	---	---	---	---	---	22
23	---	82.8	---	24.1	---	---	---	---	---	---	---	---	23
24	---	82.1	---	1101	---	---	---	---	---	---	---	---	24
25	---	23.4	---	2.52	---	---	---	---	---	---	---	---	25
26	---	7.20	---	0	---	---	---	---	---	---	---	---	26
27	---	---	---	0	---	---	---	---	---	---	---	---	27
28	---	23.8	---	0	---	---	---	---	---	---	---	---	28
29	---	7.56	---	0	---	---	---	---	---	---	---	---	29
30	---		0	0	---	---	---	---	---	---	---	---	30
31	---		0		---		---	---		---		---	31
TOTAL	---	1206#	1090#	1962#	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	100	77.9	98.1	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	140	208	299	---	---	---	---	---	---	---	---	ST.D.
MAX	---	514	783	1101	---	---	---	---	---	---	---	---	MAX
MIN	---	7.20	0	0	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	6.05	9.22	13.0	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 4259
DRAINAGE AREA (hectares), 8.5

Watershed: Kettle Control Microbasin 1 (KCB1) Area: 8. hectares

Daily Total Suspended Solids Loads for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0001	0	---	---	---	---	---	---	---	---	1
2	---	---	0	0	---	---	---	---	---	---	---	---	2
3	---	---	0.0001*	0	---	---	---	---	---	---	---	---	3
4	---	---	0.0002*	0	---	---	---	---	---	---	---	---	4
5	---	---	0.0003*	0	---	---	---	---	---	---	---	---	5
6	---	---	0.136*	---	---	---	---	---	---	---	---	---	6
7	---	---	3.78*	---	---	---	---	---	---	---	---	---	7
8	---	---	0.0070	---	---	---	---	---	---	---	---	---	8
9	---	---	0	---	---	---	---	---	---	---	---	---	9
10	---	---	0.0096*	---	---	---	---	---	---	---	---	---	10
11	---	---	0	---	---	---	---	---	---	---	---	---	11
12	---	---	0	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	6.05*	---	---	---	---	---	---	---	---	16
17	---	0.0002*	---	0	---	---	---	---	---	---	---	---	17
18	---	0.0035*	---	0	---	---	---	---	---	---	---	---	18
19	---	0.296	---	0	---	---	---	---	---	---	---	---	19
20	---	0.0234	---	0	---	---	---	---	---	---	---	---	20
21	---	0.0113*	---	0.0001	---	---	---	---	---	---	---	---	21
22	---	0.0049*	---	0	---	---	---	---	---	---	---	---	22
23	---	0.0050	---	0.0119	---	---	---	---	---	---	---	---	23
24	---	0.0049	---	11.1	---	---	---	---	---	---	---	---	24
25	---	0.0003	---	0	---	---	---	---	---	---	---	---	25
26	---	0.0001	---	0	---	---	---	---	---	---	---	---	26
27	---	---	---	0	---	---	---	---	---	---	---	---	27
28	---	0.0012*	---	0	---	---	---	---	---	---	---	---	28
29	---	0.0001	---	0	---	---	---	---	---	---	---	---	29
30	---		0	0	---	---	---	---	---	---	---	---	30
31	---		0		---		---	---		---		---	31
TOTAL	---	0.351#	3.93#	17.2#	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	0.0292	0.281	0.859	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	0.0843	1.01	2.77	---	---	---	---	---	---	---	---	ST.D.
MAX	---	0.296	3.78	11.1	---	---	---	---	---	---	---	---	MAX
MIN	---	0.0001	0	0	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	3.48	44.4	130	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 21.5

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= ********** B1= 2.1900 A2= 0.0000 B2= 0.0000 R^2= 0.8887 N= 27.

Watershed: Kettle Control Microbasin 1 (KCB1) Area: 8. hectares

Daily Total Phosphorous Loadings for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0007	0	---	---	---	---	---	---	---	---	1
2	---	---	0	0	---	---	---	---	---	---	---	---	2
3	---	---	0.0005*	0	---	---	---	---	---	---	---	---	3
4	---	---	0.0011*	0	---	---	---	---	---	---	---	---	4
5	---	---	0.0019*	0	---	---	---	---	---	---	---	---	5
6	---	---	0.451*	---	---	---	---	---	---	---	---	---	6
7	---	---	9.43*	---	---	---	---	---	---	---	---	---	7
8	---	---	0.0305	---	---	---	---	---	---	---	---	---	8
9	---	---	0	---	---	---	---	---	---	---	---	---	9
10	---	---	0.0389*	---	---	---	---	---	---	---	---	---	10
11	---	---	0	---	---	---	---	---	---	---	---	---	11
12	---	---	0	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	14.4*	---	---	---	---	---	---	---	---	16
17	---	0.0014*	---	0	---	---	---	---	---	---	---	---	17
18	---	0.0176*	---	0	---	---	---	---	---	---	---	---	18
19	---	1.04	---	0	---	---	---	---	---	---	---	---	19
20	---	0.104	---	0	---	---	---	---	---	---	---	---	20
21	---	0.0534*	---	0.0007	---	---	---	---	---	---	---	---	21
22	---	0.0253*	---	0	---	---	---	---	---	---	---	---	22
23	---	0.0251	---	0.0435	---	---	---	---	---	---	---	---	23
24	---	0.0244	---	25.0	---	---	---	---	---	---	---	---	24
25	---	0.0018	---	0.0001	---	---	---	---	---	---	---	---	25
26	---	0.0004	---	0	---	---	---	---	---	---	---	---	26
27	---	---	---	0	---	---	---	---	---	---	---	---	27
28	---	0.0061*	---	0	---	---	---	---	---	---	---	---	28
29	---	0.0007	---	0	---	---	---	---	---	---	---	---	29
30	---		0	0	---	---	---	---	---	---	---	---	30
31	---		0		---		---	---		---		---	31
TOTAL	---	1.30#	9.95#	39.4#	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	0.108	0.711	1.97	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	0.294	2.51	6.29	---	---	---	---	---	---	---	---	ST.D.
MAX	---	1.04	9.43	25.0	---	---	---	---	---	---	---	---	MAX
MIN	---	0.0004	0	0	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	12.2	110	293	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 50.6

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 274.8228 B1= 2.0042 A2= 0.0000 B2= 0.0000 R^2= 0.8959 N= 27.

TOTAL DAILY DISCHARGE FOR 1989 Kettle Control Microbasin 2 (KCB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 0
DRAINAGE AREA (hectares), 4.1

Watershed: Kettle Control Microbasin 2 (KCB2) Area: 4. hectares

Daily Total Suspended Solids Loads for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.NaN0 B1= 0.NaN0 A2= 0.0000 B2= 0.0000 R^2= 0.NaN0 N= 0.

Watershed: Kettle Control Microbasin 2 (KCB2) Area: 4. hectares

Daily Total Phosphorous Loadings for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.NaN0 B1= 0.NaN0 A2= 0.0000 B2= 0.0000 R^2= 0.NaN0 N= 0.

TOTAL DAILY DISCHARGE FOR 1990 Kettle Control Microbasin 2 (KCB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	19.1	---	---	---	---	0	---	---	0	1
2	---	---	---	133	---	0	---	0	0	---	0	0	2
3	---	---	---	47.5	---	0	---	0	0	0	0	0	3
4	---	---	---	22.3	---	0	---	0	0	203	0	---	4
5	---	---	---	9.72	---	0	---	0	0	3.24	403	---	5
6	---	---	---	3.96	---	0	---	0	84.6	0	306	---	6
7	---	---	---	0	---	0	---	0	94.7	0	38.9	---	7
8	---	---	---	0	---	0	---	---	0	0	9.72	---	8
9	---	---	---	0	---	---	---	---	---	311	0	---	9
10	---	---	---	163	---	---	---	0	---	218	---	---	10
11	---	---	---	61.6	0	---	---	0	---	394	---	---	11
12	---	---	---	5.76	0	---	---	0	---	515	---	---	12
13	---	---	---	0	33.8	---	---	1.80	---	219	---	---	13
14	---	---	65.2	10.8	0	0	10.8	0	252	41.0	---	---	14
15	---	---	63.7	10.1	---	0	---	0	---	13.0	---	---	15
16	---	---	163	2.16	185	0	---	0	---	4.68	0	---	16
17	---	---	28.8	10.8	221	0	---	0	---	0	0	---	17
18	---	---	7.20	0	16.2	0	---	0	---	469	0	---	18
19	---	---	17.3	0	0	0	---	0	---	51.1	0	---	19
20	---	---	12.2	39.6	99.4	0	---	---	---	15.1	0	---	20
21	---	---	23.4	55.4	14.0	---	---	---	---	0	0	---	21
22	---	---	107	0	0	0	---	---	---	---	0	---	22
23	---	---	38.9	0	---	0	---	---	---	---	0	---	23
24	---	---	0	0	---	0	---	---	---	---	0	---	24
25	---	---	---	0	---	0	---	---	---	---	---	---	25
26	---	---	---	0	---	0	---	---	---	---	0	---	26
27	---	---	---	0	---	0	---	---	---	---	102	---	27
28	---	---	---	---	---	0	---	10.8	---	---	139	---	28
29	---		0	---	---	---	---	3.60	---	---	30.2	---	29
30	---		23.4	---	---	---	0.720	---	---	---	3.96	---	30
31	---		13.3		---		---	0		---		---	31
TOTAL	---	---	564#	595#	570#	0 #	11.5#	16.2#	431#	2461#	1033#	0 #	TOTAL
MEAN	---	---	40.3	22.1	51.9	0	5.76	0.853	48.0	129	47.0	0	MEAN
ST.D.	---	---	46.4	40.9	80.9	0	7.13	2.57	86.0	176	106	0	ST.D.
MAX	---	---	163	163	221	0	10.8	10.8	252	515	403	0	MAX
MIN	---	---	0	0	0	0	0.720	0	0	0	0	0	MIN
MAX DLY AVG AREA FLOWS	---	---	3.99	3.98	5.40	---	0.263	0.263	6.16	12.6	9.84	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 5686
DRAINAGE AREA (hectares), 4.1

Watershed: Kettle Control Microbasin 2 (KCB2) Area: 4. hectares

Daily Total Suspended Solids Loads for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0004	---	---	---	---	0	---	---	0	1
2	---	---	---	0.0126	---	0	---	0	0	---	0	0	2
3	---	---	---	0.0015	---	0	---	0	0	0	0	0	3
4	---	---	---	0.0005	---	0	---	0	0	0.0276*	0	---	4
5	---	---	---	0.0001	---	0	---	0	0	0.0000	0.0724*	---	5
6	---	---	---	0.0001	---	0	---	0	0.0183*	0	0.0343*	---	6
7	---	---	---	0	---	0	---	0	0.0082*	0	0.0011	---	7
8	---	---	---	0	---	0.0002*	---	---	0	0	0.0001	---	8
9	---	---	---	0	---	---	---	---	---	0.0398*	0	---	9
10	---	---	---	0.0256*	---	---	---	0	---	0.0207*	---	---	10
11	---	---	---	0.0028*	0	---	---	0	---	0.0781	---	---	11
12	---	---	---	0.0001*	0	---	---	0	---	0.107*	---	---	12
13	---	---	---	0.0001*	0.0018	---	---	0.0001*	---	0.0183	---	---	13
14	---	---	0.0033*	0.0002	0	0	0.0009	0	0.0609*	0.0012	---	---	14
15	---	---	0.0024	0.0001	---	0	---	0	---	0.0002	---	---	15
16	---	---	0.0164*	0.0000	0.0230*	0	---	0	---	0.0001	0	---	16
17	---	---	0.0007	0.0002	0.0223*	0	---	0	---	0	0	---	17
18	---	---	0.0001	0	0.0004*	0	---	0	---	0.112*	0	---	18
19	---	---	0.0004*	0	0	0	---	0	---	0.0017	0	---	19
20	---	---	0.0002	0.0024*	0.0104	0	---	---	---	0.0003	0	---	20
21	---	---	0.0007	0.0027*	0.0003	---	---	---	---	0	0	---	21
22	---	---	0.0112	0	0	0	---	---	---	---	0	---	22
23	---	---	0.0014	0	---	0.0001*	---	---	---	---	0	---	23
24	---	---	0	0	---	0	---	---	---	---	0	---	24
25	---	---	---	0	---	0	---	---	---	---	---	---	25
26	---	---	---	0	---	0	---	---	---	---	0	---	26
27	---	---	---	0	---	0	---	---	---	---	0.0050	---	27
28	---	---	---	---	---	0	---	0.0009*	---	---	0.0088	---	28
29	---		0	---	---	---	---	0.0002*	---	---	0.0008	---	29
30	---		0.0006	---	---	---	0.0001*	---	---	---	0.0000	---	30
31	---		0.0002		---		---	0		---		---	31
TOTAL	---	---	0.0374#	0.0493#	0.0582#	0.0003#	0.0009#	0.0012#	0.0873#	0.407#	0.123#	0 #	TOTAL
MEAN	---	---	0.0027	0.0018	0.0053	0.0000	0.0005	0.0001	0.0097	0.0214	0.0056	0	MEAN
ST.D.	---	---	0.0049	0.0054	0.0091	0.0000	0.0006	0.0002	0.0202	0.0369	0.0167	0	ST.D.
MAX	---	---	0.0164	0.0256	0.0230	0.0002	0.0009	0.0009	0.0609	0.112	0.0724	0	MAX
MIN	---	---	0	0	0	0	0.0001	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	---	0.401	0.625	0.561	0.0037	0.0216	0.0216	1.48	2.73	1.77	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.764

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 2578.4045 B1= 1.5936 A2= 0.0000 B2= 0.0000 R^2= 0.7482 N= 81.

Watershed: Kettle Control Microbasin 2 (KCB2) Area: 4. hectares

Daily Total Phosphorous Loadings for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0016	---	---	---	---	0	---	---	0	1
2	---	---	---	0.0510	---	0	---	0	0	---	0	0	2
3	---	---	---	0.0062	---	0	---	0	0	0	0	0	3
4	---	---	---	0.0020	---	0	---	0	0	0.110*	0	---	4
5	---	---	---	0.0006	---	0	---	0	0	0.0002	0.286*	---	5
6	---	---	---	0.0002	---	0	---	0	0.0715*	0	0.138*	---	6
7	---	---	---	0	---	0	---	0	0.0332*	0	0.0046	---	7
8	---	---	---	0	---	0.0007*	---	---	0	0	0.0006	---	8
9	---	---	---	0	---	---	---	---	---	0.159*	0	---	9
10	---	---	---	0.102*	---	---	---	0	---	0.0836*	---	---	10
11	---	---	---	0.0119*	0	---	---	0	---	0.306	---	---	11
12	---	---	---	0.0005*	0	---	---	0	---	0.422*	---	---	12
13	---	---	---	0.0002*	0.0073	---	---	0.0006*	---	0.0747	---	---	13
14	---	---	0.0136*	0.0008	0	0	0.0036	0	0.238*	0.0051	---	---	14
15	---	---	0.0100	0.0006	---	0	---	0	---	0.0009	---	---	15
16	---	---	0.0663*	0.0001	0.0921*	0	---	0	---	0.0002	0	---	16
17	---	---	0.0030	0.0007	0.0902*	0	---	0	---	0	0	---	17
18	---	---	0.0003	0	0.0018*	0	---	0	---	0.435*	0	---	18
19	---	---	0.0017*	0	0	0	---	0	---	0.0071	0	---	19
20	---	---	0.0008	0.0099*	0.0419	0	---	---	---	0.0011	0	---	20
21	---	---	0.0028	0.0113*	0.0014	---	---	---	---	0	0	---	21
22	---	---	0.0450	0	0	0	---	---	---	---	0	---	22
23	---	---	0.0059	0	---	0.0004*	---	---	---	---	0	---	23
24	---	---	0	0	---	0	---	---	---	---	0	---	24
25	---	---	---	0	---	0	---	---	---	---	---	---	25
26	---	---	---	0	---	0	---	---	---	---	0	---	26
27	---	---	---	0	---	0	---	---	---	---	0.0210	---	27
28	---	---	---	---	---	0	---	0.0036*	---	---	0.0362	---	28
29	---		0	---	---	---	---	0.0006*	---	---	0.0035	---	29
30	---		0.0025	---	---	---	0.0002*	---	---	---	0.0002	---	30
31	---		0.0009		---		---	0		---		---	31
TOTAL	---	---	0.153#	0.199#	0.235#	0.0011#	0.0038#	0.0048#	0.342#	1.61#	0.490#	0 #	TOTAL
MEAN	---	---	0.0109	0.0074	0.0213	0.0001	0.0019	0.0003	0.0380	0.0845	0.0223	0	MEAN
ST.D.	---	---	0.0198	0.0214	0.0367	0.0002	0.0024	0.0008	0.0788	0.144	0.0660	0	ST.D.
MAX	---	---	0.0663	0.102	0.0921	0.0007	0.0036	0.0036	0.238	0.435	0.286	0	MAX
MIN	---	---	0	0	0	0	0.0002	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	---	1.62	2.48	2.25	0.0159	0.0883	0.0883	5.80	10.6	6.97	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 3.03

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 9.1055 B1= 1.5684 A2= 0.0000 B2= 0.0000 R^2= 0.8744 N= 81.

/charge/4100./data/loads/micro/kcb2.flows1.out Tue Feb 16 14:07:34 1993

TOTAL DAILY DISCHARGE FOR 1991 Kettle Control Microbasin 2 (KCB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	44.3	0	---	0	---	---	0	---	---	---	1
2	---	---	521	---	---	0	---	---	0	---	---	---	2
3	---	---	132	---	---	0	---	---	0	---	---	---	3
4	---	0.720	13.0	0	---	---	---	---	0	---	---	---	4
5	---	---	68.4	0	---	---	---	---	0	---	---	---	5
6	---	---	1019	0.720	---	---	---	---	0	---	---	0	6
7	---	---	113	0	---	---	---	---	0	---	---	51.1	7
8	---	---	33.1	0	---	---	---	---	---	---	---	208	8
9	---	---	20.2	1.08	---	---	---	---	---	---	---	48.2	9
10	---	---	34.6	0	---	0	---	---	---	---	---	0	10
11	---	---	33.8	---	---	0	---	---	---	---	---	---	11
12	---	---	8.64	---	---	0	0	---	---	---	---	---	12
13	---	---	---	---	---	---	0	---	---	---	---	---	13
14	---	---	---	---	---	0	0	---	---	---	0	---	14
15	---	---	---	18.4	---	0	0	---	---	---	0	---	15
16	---	---	---	0	---	0	0	---	---	---	0	---	16
17	---	---	---	---	---	0	0	---	---	---	0	---	17
18	---	---	285	---	---	---	0	---	---	---	0	---	18
19	---	---	75.2	3.60	---	---	0	---	---	---	0	---	19
20	---	---	3.60	97.2	---	---	---	---	---	---	0	---	20
21	---	---	22.7	35.3	---	---	---	---	---	---	0	---	21
22	---	---	14.4	0	---	---	---	---	---	---	---	---	22
23	---	---	43.2	---	0	---	---	---	---	---	0	---	23
24	---	---	62.6	---	0	---	---	---	---	0	---	---	24
25	---	---	32.8	---	15.8	---	---	---	---	0	---	---	25
26	---	---	10.1	---	70.9	---	---	---	---	0	---	---	26
27	---	---	213	---	0	---	---	---	---	0	---	---	27
28	---	---	125	---	0	---	---	---	---	0	---	---	28
29	---		2.52	---	0	---	---	---	---	---	14.8	---	29
30	---		0	---	0	---	---	0	---	---	0	---	30
31	---		0		0		---	0		---		---	31
TOTAL	---	0.720#	2934#	156#	86.8#	0 #	0 #	0 #	0 #	0 #	14.8#	307#	TOTAL
MEAN	---	0.720	112	11.2	9.64	0	0	0	0	0	1.34	61.5	MEAN
ST.D.	---	---	216	26.7	23.6	0	0	0	0	0	4.45	85.6	ST.D.
MAX	---	0.720	1019	97.2	70.9	0	0	0	0	0	14.8	208	MAX
MIN	---	0.720	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA FLOWS	---	0.0176	24.9	2.37	1.73	---	---	---	---	---	0.360	5.08	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 3500
DRAINAGE AREA (hectares), 4.1

Watershed: Kettle Control Microbasin 2 (KCB2) Area: 4. hectares

Daily Total Suspended Solids Loads for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0060*	0	---	0	---	---	0	---	---	---	1
2	---	---	0.102*	---	---	0	---	---	0	---	---	---	2
3	---	---	0.0126	---	---	0	---	---	0	---	---	---	3
4	---	0.0001*	0.0003*	0	---	---	---	---	0	---	---	---	4
5	---	---	0.0052	0	---	---	---	---	0	---	---	---	5
6	---	---	0.437*	0.0000	---	---	---	---	0	---	---	0	6
7	---	---	0.0113*	0	---	---	---	---	0	---	---	0.0038	7
8	---	---	0.0010	0.0001*	---	---	---	---	---	---	---	0.0260	8
9	---	---	0.0004	0.0001*	---	---	---	---	---	---	---	0.0037	9
10	---	---	0.0013	0	---	0	---	---	---	---	---	0	10
11	---	---	0.0013	---	---	0	---	---	---	---	---	---	11
12	---	---	0.0001	---	---	0	0	---	---	---	---	---	12
13	---	---	---	---	---	---	0	---	---	---	---	---	13
14	---	---	---	---	---	0	0	---	---	---	0	---	14
15	---	---	---	0.0007*	---	0	0	---	---	---	0	---	15
16	---	---	---	0	---	0	0	---	---	---	0	---	16
17	---	---	---	---	---	0	0	---	---	---	0	---	17
18	---	---	0.0485*	---	---	---	0	---	---	---	0	---	18
19	---	---	0.0055	0.0002*	---	---	0	---	---	---	0	---	19
20	---	---	0.0001*	0.0070*	---	---	---	---	---	---	0	---	20
21	---	---	0.0006	0.0015	---	---	---	---	---	---	0	---	21
22	---	---	0.0003	0	---	---	---	---	---	---	---	---	22
23	---	---	0.0020*	---	0	---	---	---	---	---	0.0001*	---	23
24	---	---	0.0031	---	0	---	---	---	---	0	---	---	24
25	---	---	0.0010	---	0.0014	---	---	---	---	0	---	---	25
26	---	---	0.0001	---	0.0067*	---	---	---	---	0	---	---	26
27	---	---	0.0319	---	0	---	---	---	---	0	---	---	27
28	---	---	0.0143	---	0	---	---	---	---	0	---	---	28
29	---		0.0000	---	0	---	---	---	---	---	0.0010*	---	29
30	---		0	---	0	---	---	0	---	---	0	---	30
31	---		0		0		---	0		---		---	31
TOTAL	---	0.0001#	0.687#	0.0095#	0.0081#	0 #	0 #	0 #	0 #	0 #	0.0010#	0.0335#	TOTAL
MEAN	---	0.0001	0.0264	0.0007	0.0009	0	0	0	0	0	0.0001	0.0067	MEAN
ST.D.	---	---	0.0866	0.0019	0.0022	0	0	0	0	0	0.0003	0.0109	ST.D.
MAX	---	0.0001	0.437	0.0070	0.0067	0	0	0	0	0	0.0010	0.0260	MAX
MIN	---	0.0001	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	0.0016	10.7	0.170	0.164	---	---	---	---	---	0.0237	0.633	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.739

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 5754.5293 B1= 1.6698 A2= 0.0000 B2= 0.0000 R^2= 0.7753 N= 34.

Watershed: Kettle Control Microbasin 2 (KCB2) Area: 4. hectares

Daily Total Phosphorous Loadings for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0232*	0	---	0	---	---	0	---	---	---	1
2	---	---	0.369*	---	---	0	---	---	0	---	---	---	2
3	---	---	0.0530	---	---	0	---	---	0	---	---	---	3
4	---	0.0003*	0.0017*	0	---	---	---	---	0	---	---	---	4
5	---	---	0.0229	0	---	---	---	---	0	---	---	---	5
6	---	---	1.32*	0.0001	---	---	---	---	0	---	---	0	6
7	---	---	0.0462*	0	---	---	---	---	0	---	---	0.0171	7
8	---	---	0.0057	0.0003*	---	---	---	---	---	---	---	0.103	8
9	---	---	0.0026	0.0007*	---	---	---	---	---	---	---	0.0165	9
10	---	---	0.0065	0	---	0	---	---	---	---	---	0	10
11	---	---	0.0066	---	---	0	---	---	---	---	---	---	11
12	---	---	0.0007	---	---	0	0	---	---	---	---	---	12
13	---	---	---	---	---	---	0	---	---	---	---	---	13
14	---	---	---	---	---	0	0	---	---	---	0	---	14
15	---	---	---	0.0035*	---	0	0	---	---	---	0	---	15
16	---	---	---	0	---	0	0	---	---	---	0	---	16
17	---	---	---	---	---	0	0	---	---	---	0	---	17
18	---	---	0.181*	---	---	---	0	---	---	---	0	---	18
19	---	---	0.0242	0.0009*	---	---	0	---	---	---	0	---	19
20	---	---	0.0006*	0.0314*	---	---	---	---	---	---	---	---	20
21	---	---	0.0032	0.0076	---	---	---	---	---	---	0	---	21
22	---	---	0.0016	0	---	---	---	---	---	---	---	---	22
23	---	---	0.0098*	---	0	---	---	---	---	---	0.0003*	---	23
24	---	---	0.0153	---	0	---	---	---	---	0	---	---	24
25	---	---	0.0055	---	0.0061	---	---	---	---	0	---	---	25
26	---	---	0.0009	---	0.0286*	---	---	---	---	0	---	---	26
27	---	---	0.121	---	0	---	---	---	---	0	---	---	27
28	---	---	0.0573	---	0	---	---	---	---	0	---	---	28
29	---	---	0.0002	---	0	---	---	---	---	---	0.0045*	---	29
30	---	---	0	---	0	---	---	0	---	---	0	---	30
31	---	---	0	---	0	---	---	0	---	---	---	---	31
TOTAL	---	0.0003#	2.28#	0.0445#	0.0346#	0 #	0 #	0 #	0 #	0 #	0.0049#	0.136#	TOTAL
MEAN	---	0.0003	0.0876	0.0032	0.0038	0	0	0	0	0	0.0004	0.0273	MEAN
ST.D.	---	---	0.263	0.0084	0.0095	0	0	0	0	0	0.0014	0.0431	ST.D.
MAX	---	0.0003	1.32	0.0314	0.0286	0	0	0	0	0	0.0045	0.103	MAX
MIN	---	0.0003	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	0.0082	32.1	0.765	0.697	---	---	---	---	---	0.111	2.51	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 2.50

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 9.7992 B1= 1.5203 A2= 0.0000 B2= 0.0000 R^2= 0.8918 N= 34.

/charge/4200./area/loadsmicro/kcb2.flow92.out Tue Feb 16 14:07:41 1993

TOTAL DAILY DISCHARGE FOR 1992 Kettle Control Microbasin 2 (KCB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	---	---	---	---	---	---	1
2	---	---	0	0	0	0	---	---	---	---	---	---	2
3	---	---	18.7	0	0	0	---	---	---	---	---	---	3
4	---	---	4.32	0	0	0	---	---	---	---	---	---	4
5	---	---	4.32	0	0	0	---	---	---	---	---	---	5
6	---	---	156	0	0	0	---	---	---	---	---	---	6
7	---	---	412	0	0	0	---	---	---	---	---	---	7
8	---	---	97.2	0	0	0	---	---	---	---	---	---	8
9	---	---	0	0	0	0	---	---	---	---	---	---	9
10	---	---	96.8	0	0	0	---	---	---	---	---	---	10
11	---	---	0	0	0	0	---	---	---	---	---	---	11
12	---	---	0	0	0	0	---	---	---	---	---	---	12
13	---	---	0	0	0	0	---	---	---	---	---	---	13
14	---	---	0	0	0	0	---	---	---	---	---	---	14
15	---	---	0	0	0	0	---	---	---	---	---	---	15
16	---	---	0	422	0	0	---	---	---	---	---	---	16
17	---	1.80	7.56	0.360	0	0	---	---	---	---	---	---	17
18	---	592	28.4	0	0	0	---	---	---	---	---	---	18
19	---	596	27.7	0	0	0	---	---	---	---	---	---	19
20	---	147	0	0	0	0	---	---	---	---	---	---	20
21	---	98.6	0	19.4	0	0	---	---	---	---	---	---	21
22	---	109	0	2.88	0	0	---	---	---	---	---	---	22
23	---	150	0	10.4	0	0	---	---	---	---	---	---	23
24	---	101	0	1457	0	0	---	---	---	---	---	---	24
25	---	0	19.1	63.0	0	0	---	---	---	---	---	---	25
26	---	0	5.76	18.7	0	0	---	---	---	---	---	---	26
27	---	---	0	0	0	0	---	---	---	---	---	---	27
28	---	149	0	0	0	0	---	---	---	---	---	---	28
29	---	87.8	0	0	0	0	---	---	---	---	---	---	29
30	---		0	0	0	0	---	---	---	---	---	---	30
31	---		0		0		---	---		---		---	31
TOTAL	---	2036#	879	1994	0	0	---	---	---	---	---	---	TOTAL
MEAN	---	169	28.4	66.5	0	0	---	---	---	---	---	---	MEAN
ST.D.	---	206	79.8	273	0	0	---	---	---	---	---	---	ST.D.
MAX	---	596	412	1457	0	0	---	---	---	---	---	---	MAX
MIN	---	0	0	0	0	0	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	14.6	10.1	35.5	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 4910
DRAINAGE AREA (hectares), 4.1

Watershed: Kettle Control Microbasin 2 (KCB2) Area: 4. hectares

Daily Total Suspended Solids Loads for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	---	---	---	---	---	---	1
2	---	---	0	0	0	0	---	---	---	---	---	---	2
3	---	---	0.0003*	0	0	0	---	---	---	---	---	---	3
4	---	---	0.0001*	0	0	0	---	---	---	---	---	---	4
5	---	---	0.0001*	0	0	0	---	---	---	---	---	---	5
6	---	---	0.0076*	0	0	0	---	---	---	---	---	---	6
7	---	---	0.0220*	0	0	0	---	---	---	---	---	---	7
8	---	---	0.0026	0	0	0	---	---	---	---	---	---	8
9	---	---	0	0	0	0	---	---	---	---	---	---	9
10	---	---	0.0036*	0	0	0	---	---	---	---	---	---	10
11	---	---	0	0	0	0	---	---	---	---	---	---	11
12	---	---	0	0	0	0	---	---	---	---	---	---	12
13	---	---	0	0	0	0	---	---	---	---	---	---	13
14	---	---	0	0	0	0	---	---	---	---	---	---	14
15	---	---	0	0	0	0	---	---	---	---	---	---	15
16	---	---	0	0.0393*	0	0	---	---	---	---	---	---	16
17	---	0.0000	0.0001	0	0	0	---	---	---	---	---	---	17
18	---	0.0375*	0.0004	0	0	0	---	---	---	---	---	---	18
19	---	0.0324	0.0005	0	0	0	---	---	---	---	---	---	19
20	---	0.0042	0	0	0	0	---	---	---	---	---	---	20
21	---	0.0025	0	0.0003	0	0	---	---	---	---	---	---	21
22	---	0.0028*	0	0.0000	0	0	---	---	---	---	---	---	22
23	---	0.0047	0	0.0004	0	0	---	---	---	---	---	---	23
24	---	0.0029	0	0.197	0	0	---	---	---	---	---	---	24
25	---	0	0.0004	0.0011	0	0	---	---	---	---	---	---	25
26	---	0	0.0000	0.0002	0	0	---	---	---	---	---	---	26
27	---	---	0	0	0	0	---	---	---	---	---	---	27
28	---	0.0062*	0	0	0	0	---	---	---	---	---	---	28
29	---	0.0025	0	0	0	0	---	---	---	---	---	---	29
30	---		0	0	0	0	---	---	---	---	---	---	30
31	---		0		0		---	---		---		---	31
TOTAL	---	0.0957#	0.0376	0.238	0	0	---	---	---	---	---	---	TOTAL
MEAN	---	0.0080	0.0012	0.0079	0	0	---	---	---	---	---	---	MEAN
ST.D.	---	0.0128	0.0041	0.0364	0	0	---	---	---	---	---	---	ST.D.
MAX	---	0.0375	0.0220	0.197	0	0	---	---	---	---	---	---	MAX
MIN	---	0	0	0	0	0	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	0.913	0.536	4.80	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.372

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 552.6403 B1= 1.4778 A2= 0.0000 B2= 0.0000 R^2= 0.6890 N= 26.

Watershed: Kettle Control Microbasin 2 (KCB2) Area: 4. hectares

Daily Total Phosphorous Loadings for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	---	---	---	---	---	---	1
2	---	---	0	0	0	0	---	---	---	---	---	---	2
3	---	---	0.0022*	0	0	0	---	---	---	---	---	---	3
4	---	---	0.0004*	0	0	0	---	---	---	---	---	---	4
5	---	---	0.0007*	0	0	0	---	---	---	---	---	---	5
6	---	---	0.0639*	0	0	0	---	---	---	---	---	---	6
7	---	---	0.186*	0	0	0	---	---	---	---	---	---	7
8	---	---	0.0197	0	0	0	---	---	---	---	---	---	8
9	---	---	0	0	0	0	---	---	---	---	---	---	9
10	---	---	0.0285*	0	0	0	---	---	---	---	---	---	10
11	---	---	0	0	0	0	---	---	---	---	---	---	11
12	---	---	0	0	0	0	---	---	---	---	---	---	12
13	---	---	0	0	0	0	---	---	---	---	---	---	13
14	---	---	0	0	0	0	---	---	---	---	---	---	14
15	---	---	0	0.364*	0	0	---	---	---	---	---	---	15
16	---	0.0001	0.0003	0.0000	0	0	---	---	---	---	---	---	16
17	---	0.324*	0.0025	0	0	0	---	---	---	---	---	---	17
18	---	0.274	0.0032	0	0	0	---	---	---	---	---	---	18
19	---	0.0313	0	0	0	0	---	---	---	---	---	---	19
20	---	0.0190	0	0.0025	0	0	---	---	---	---	---	---	20
21	---	0.0208*	0	0.0002	0	0	---	---	---	---	---	---	21
22	---	0.0362	0	0.0027	0	0	---	---	---	---	---	---	22
23	---	0.0219	0	1.97	0	0	---	---	---	---	---	---	23
24	---	0	0.0028	0.0076	0	0	---	---	---	---	---	---	24
25	---	0	0.0003	0.0016	0	0	---	---	---	---	---	---	25
26	---	---	0	0	0	0	---	---	---	---	---	---	26
27	---	0.0501*	0	0	0	0	---	---	---	---	---	---	27
28	---	0.0187	0	0	0	0	---	---	---	---	---	---	28
29	---		0		0		---	---	---	---	---	---	29
30	---		0		0		---	---	---	---	---	---	30
31	---												31
TOTAL	---	0.796#	0.310	2.35	0	0	---	---	---	---	---	---	TOTAL
MEAN	---	0.0663	0.0100	0.0782	0	0	---	---	---	---	---	---	MEAN
ST.D.	---	0.110	0.0350	0.363	0	0	---	---	---	---	---	---	ST.D.
MAX	---	0.324	0.186	1.97	0	0	---	---	---	---	---	---	MAX
MIN	---	0	0	0	0	0	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	7.90	4.53	48.0	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 3.45

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 6.9516 B1= 1.5608 A2= 0.0000 B2= 0.0000 R^2= 0.9095 N= 26.

/charge/4100./data/loadsmicro/ktb1.flow89.out Tue Feb 16 14:07:53 1993

TOTAL DAILY DISCHARGE FOR 1989 Kettle Test Microbasin 1 (KTB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---	---	---	---	---	---	---	---	---	---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 0
DRAINAGE AREA (hectares), 6.0

Watershed: Kettle Test Microbasin 1 (KTB1) Area: 6. hectares

Daily Total Suspended Solids Loads for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.NaN0 B1= 0.NaN0 A2= 0.0000 B2= 0.0000 R^2= 0.NaN0 N= 0.

Watershed: Kettle Test Microbasin 1 (KTB1) Area: 6. hectares

Daily Total Phosphorous Loadings for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.NaN0 B1= 0.NaN0 A2= 0.0000 B2= 0.0000 R^2= 0.NaN0 N= 0.

PITTOCK TEST MICROBASIN WATER QUALITY LOADS

TOTAL DAILY DISCHARGE FOR 1989 Pittock Test Microbasin 1 (PTB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	0	0	0	1
2	---	---	---	---	---	---	---	---	---	0	0	0	2
3	---	---	---	---	---	---	---	---	---	0	0	0	3
4	---	---	---	---	---	---	---	---	---	0	0	0	4
5	---	---	---	---	---	---	---	---	---	0	0	0	5
6	---	---	---	---	---	---	---	---	---	0	0	0	6
7	---	---	---	---	---	---	---	---	---	0	0	0	7
8	---	---	---	---	---	---	---	---	---	0	0	0	8
9	---	---	---	---	---	---	---	---	---	0	0	0	9
10	---	---	---	---	---	---	---	---	---	0	0	0	10
11	---	---	---	---	---	---	---	---	---	0	0	0	11
12	---	---	---	---	---	---	---	---	---	0	0	0	12
13	---	---	---	---	---	---	---	---	---	0	0	0	13
14	---	---	---	---	---	---	---	---	---	0	0	0	14
15	---	---	---	---	---	---	---	---	---	0	0	0	15
16	---	---	---	---	---	---	---	---	---	0	0	0	16
17	---	---	---	---	---	---	---	---	---	0	0	0	17
18	---	---	---	---	---	---	---	---	---	0	0	0	18
19	---	---	---	---	---	---	---	---	---	0	0	0	19
20	---	---	---	---	---	---	---	---	---	0	0	0	20
21	---	---	---	---	---	---	---	---	---	0	0	0	21
22	---	---	---	---	---	---	---	---	---	0	0	0	22
23	---	---	---	---	---	---	---	---	---	0	0	0	23
24	---	---	---	---	---	---	---	---	---	0	0	0	24
25	---	---	---	---	---	---	---	---	---	0	0	0	25
26	---	---	---	---	---	---	---	---	---	0	0	0	26
27	---	---	---	---	---	---	---	---	0	0	0	0	27
28	---	---	---	---	---	---	---	---	0	0	0	0	28
29	---		---	---	---	---	---	---	0	0	0	0	29
30	---		---	---	---	---	---	---	0	0	0	0	30
31	---		---		---		---	---		0		0	31
TOTAL	---	---	---	---	---	---	---	---	0 #	0	0	0	TOTAL
MEAN	---	---	---	---	---	---	---	---	0	0	0	0	MEAN
ST.D.	---	---	---	---	---	---	---	---	0	0	0	0	ST.D.
MAX	---	---	---	---	---	---	---	---	0	0	0	0	MAX
MIN	---	---	---	---	---	---	---	---	0	0	0	0	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 0
DRAINAGE AREA (hectares), 24.8

Watershed: Pittock Test Microbasin 1 (PTB1) Area: 25. hectares

Daily Total Suspended Solids Loads for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.NaN0 B1= 0.NaN0 A2= 0.0000 B2= 0.0000 R^2= 0.NaN0 N= 0.

Watershed: Pittock Test Microbasin 1 (PTB1) Area: 25. hectares

Daily Total Phosphorous Loadings for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.NaN0 B1= 0.NaN0 A2= 0.0000 B2= 0.0000 R^2= 0.NaN0 N= 0.

TOTAL DAILY DISCHARGE FOR 1990 Pittock Test Microbasin 1 (PTB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	46.4	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	501	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	1531	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	386	0	0	0	0	0	0	0	0	0	0	0	24
25	413	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0		0	0		0		0	30
31	0		0		0			0		0			31
TOTAL	799	1531	501	0	0	0	0	0	0	0	46.4	0	TOTAL
MEAN	25.8	54.7	16.2	0	0	0	0	0	0	0	1.55	0	MEAN
ST.D.	99.9	289	90.0	0	0	0	0	0	0	0	8.48	0	ST.D.
MAX	413	1531	501	0	0	0	0	0	0	0	46.4	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA FLOWS	1.67	6.18	2.02	---	---	---	---	---	---	---	0.187	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 2879
DRAINAGE AREA (hectares), 24.8

Watershed: Pittock Test Microbasin 1 (PTB1) Area: 25. hectares

Daily Total Suspended Solids Loads for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0.0001*	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0.0011*	0	5
6	0	0	0	0	0	0	0	0	0	0	0.0001*	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0.0000*	0.0192*	0	0	0	0.0000*	0	0	0.0001*	0	0	10
11	0	0	0	0.0000*	0	0	0	0	0	0.0000*	0	0	11
12	0	0	0	0	0	0	0	0	0	0.0001*	0	0	12
13	0	0	0.0000*	0	0	0	0	0	0	0.0000*	0	0	13
14	0	0	0	0	0.0000*	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0.0002*	0	0	19
20	0	0	0	0.0000*	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0.0771*	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0.0178	0	0	0	0	0	0	0	0	0	0	0	24
25	0.0194	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0.0000*	0	28
29	0	0	0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0.0000*	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0.0373	0.0771	0.0192	0.0000	0.0000	0	0.0000	0	0	0.0005	0.0012	0	TOTAL
MEAN	0.0012	0.0028	0.0006	0	0	0	0	0	0	0.0000	0.0000	0	MEAN
ST.D.	0.0047	0.0146	0.0034	0	0	0	0	0	0	0.0000	0.0002	0	ST.D.
MAX	0.0194	0.0771	0.0192	0.0000	0.0000	0	0.0000	0	0	0.0002	0.0011	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	0.0783	0.311	0.0773	0.0001	0.0001	---	0.0001	---	---	0.0007	0.0045	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.135

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 78.9500 B1= 1.2402 A2= 0.0000 B2= 0.0000 R^2= 0.7212 N= 49.

Watershed: Pittock Test Microbasin 1 (PTB1) Area: 25. hectares

Daily Total Phosphorous Loadings for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0.0020*	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0.0114*	0	5
6	0	0	0	0	0	0	0	0	0	0	0.0010*	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0.0003*	0.123*	0	0	0	0.0003*	0	0	0.0016*	0	0	9
10	0	0	0	0.0003*	0	0	0	0	0	0.0003*	0	0	10
11	0	0	0	0	0	0	0	0	0	0.0010*	0	0	11
12	0	0	0.0007*	0	0	0	0	0	0	0.0003*	0	0	12
13	0	0	0	0	0.0003*	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0.0003*	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0.0026*	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0.0003*	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0.404*	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0.0994	0	0	0	0	0	0	0	0	0	0	0	24
25	0.107	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0.0003*	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0.0003*	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0.206	0.404	0.124	0.0007	0.0007	0	0.0007	0	0	0.0079	0.0127	0	TOTAL
MEAN	0.0067	0.0144	0.0040	0.0000	0.0000	0	0.0000	0	0	0.0003	0.0004	0	MEAN
ST.D.	0.0258	0.0763	0.0221	0.0001	0.0001	0	0.0001	0	0	0.0007	0.0021	0	ST.D.
MAX	0.107	0.404	0.123	0.0003	0.0003	0	0.0003	0	0	0.0026	0.0114	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	0.431	1.63	0.496	0.0013	0.0013	---	0.0013	---	---	0.0106	0.0459	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.756

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.2965 B1= 1.0633 A2= 0.0000 B2= 0.0000 R^2= 0.8311 N= 49.

/charge/4100./data/loadsmicro/ptb1.flow91.out Tue Feb 16 14:10:26 1993

TOTAL DAILY DISCHARGE FOR 1991 Pittock Test Microbasin 1 (PTB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	212	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	10.1	15.5	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	39.2	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	1.44	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	18.0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	1.08	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	1957	0	0	0	0	0	0	0	0	0	27
28	0	0	291	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	28.1	2476	1.44	0	0	0	0	0	1.08	0	39.2	TOTAL
MEAN	0	1.00	79.9	0.0480	0	0	0	0	0	0.0348	0	1.27	MEAN
ST.D.	0	3.84	354	0.263	0	0	0	0	0	0.194	0	7.05	ST.D.
MAX	0	18.0	1957	1.44	0	0	0	0	0	1.08	0	39.2	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA FLOWS	---	0.0726	7.89	0.0058	---	---	---	---	---	0.0044	---	0.158	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 2546
DRAINAGE AREA (hectares), 24.8

Watershed: Pittock Test Microbasin 1 (PTB1) Area: 25. hectares

Daily Total Suspended Solids Loads for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0.0302	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0.0002*	0.0001*	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0.0011	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0.0000*	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0.0000*	0	0	0	0	0	0	0.0001*	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0.0000*	0	0	0	0	0	0	0	0	0	18
19	0	0.0007*	0.0000*	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0.0001*	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0.457*	0	0	0	0	0	0	0	0	0	27
28	0	0	0.0154*	0	0	0	0	0	0	0	0.0000*	0	28
29	0		0	0	0	0	0	0	0	0	0.0000*	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0.0009	0.502	0.0000	0	0	0	0	0	0.0001	0.0001	0.0011	TOTAL
MEAN	0	0.0000	0.0162	0	0	0	0	0	0	0	0	0.0000	MEAN
ST.D.	0	0.0001	0.0820	0	0	0	0	0	0	0.0000	0.0000	0.0002	ST.D.
MAX	0	0.0007	0.457	0.0000	0	0	0	0	0	0.0001	0.0001	0.0011	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	0.0027	1.84	0.0000	---	---	---	---	---	0.0004	0.0003	0.0046	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.505

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 2297.6138 B1= 1.7800 A2= 0.0000 B2= 0.0000 R^2= 0.5542 N= 28.

Watershed: Pittock Test Microbasin 1 (PTB1) Area: 25. hectares

Daily Total Phosphorous Loadings for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0.0196	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0.0014*	0.0021*	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0.0045	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0.0003*	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0.0003*	0	0	0	0	0	0	0.0015*	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0.0003*	0	0	0	0	0	0	0	0	0	18
19	0	0.0020*	0.0003*	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0.0020*	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0.170*	0	0	0	0	0	0	0	0	0	27
28	0	0	0.0306*	0	0	0	0	0	0	0	0.0005*	0	28
29	0		0	0	0	0	0	0	0	0	0.0003*	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0.0034	0.223	0.0005	0	0	0	0	0	0.0020	0.0023	0.0045	TOTAL
MEAN	0	0.0001	0.0072	0.0000	0	0	0	0	0	0.0001	0.0001	0.0001	MEAN
ST.D.	0	0.0005	0.0310	0.0001	0	0	0	0	0	0.0004	0.0003	0.0008	ST.D.
MAX	0	0.0020	0.170	0.0003	0	0	0	0	0	0.0020	0.0015	0.0045	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	0.0079	0.687	0.0010	---	---	---	---	---	0.0081	0.0061	0.0181	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.236

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.0624 B1= 0.8940 A2= 0.0000 B2= 0.0000 R^2= 0.4549 N= 28.

TOTAL DAILY DISCHARGE FOR 1992 Pittock Test Microbasin 1 (PTB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	---	0	0	0	---	---	---	---	---	---	1
2	0	0	---	0	0	0	---	---	---	---	---	---	2
3	0	0	---	0	3.96	0	---	---	---	---	---	---	3
4	0	0	---	0	0	0	---	---	---	---	---	---	4
5	0	0	---	0	0	0	---	---	---	---	---	---	5
6	0	0	0	0	0	0	---	---	---	---	---	---	6
7	0	0	792	0	0	0	---	---	---	---	---	---	7
8	0	0	2900	0	0	0	---	---	---	---	---	---	8
9	0	0	1684	0	0	0	---	---	---	---	---	---	9
10	0	0	2.88	0	0	0	---	---	---	---	---	---	10
11	0	0	5.76	0	0	0	---	---	---	---	---	---	11
12	0	0	0	0	0	0	---	---	---	---	---	---	12
13	0	0	0	0	0	0	---	---	---	---	---	---	13
14	0	0	0	0	0	0	---	---	---	---	---	---	14
15	0	0	0	0	0	0	---	---	---	---	---	---	15
16	0	0	0	0	0	0	---	---	---	---	---	---	16
17	0	0	0	125	0	0	---	---	---	---	---	---	17
18	0	0	0	111	3.24	0	---	---	---	---	---	---	18
19	0	5.40	0	0	0	0	---	---	---	---	---	---	19
20	0	---	0	0	0	0	---	---	---	---	---	---	20
21	0	0	0	0	0	0	---	---	---	---	---	---	21
22	0	---	0	0	0	0	---	---	---	---	---	---	22
23	0	---	0	0	0	0	---	---	---	---	---	---	23
24	0	---	0	0	0	0	---	---	---	---	---	---	24
25	0	---	0	0	0	0	---	---	---	---	---	---	25
26	0	---	0	0	0	0	---	---	---	---	---	---	26
27	0	---	0	0	0	0	---	---	---	---	---	---	27
28	0	---	0	0	0	0	---	---	---	---	---	---	28
29	0	---	0	0	0	0	---	---	---	---	---	---	29
30	0		0	0	0	0	---	---	---	---	---	---	30
31	0		0		0		---	---		---		---	31
TOTAL	0	5.40#	5385#	237	7.20	0	---	---	---	---	---	---	TOTAL
MEAN	0	0.270	207	7.92	0.232	0	---	---	---	---	---	---	MEAN
ST.D.	0	1.21	656	30.2	0.904	0	---	---	---	---	---	---	ST.D.
MAX	0	5.40	2900	125	3.96	0	---	---	---	---	---	---	MAX
MIN	0	0	0	0	0	0	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	0.0218	11.7	0.507	0.0160	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 5636
DRAINAGE AREA (hectares), 24.8

Watershed: Pittock Test Microbasin 1 (PTB1) Area: 25. hectares

Daily Total Suspended Solids Loads for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	---	0	0	0	---	---	---	---	---	---	1
2	0	0	---	0	0	0	---	---	---	---	---	---	2
3	0	0	---	0	0.0000	0	---	---	---	---	---	---	3
4	0	0	---	0	0	0	---	---	---	---	---	---	4
5	0	0	---	0	0	0	---	---	---	---	---	---	5
6	0	0	0.0000*	0	0	0	---	---	---	---	---	---	6
7	0	0	0.0072*	0	0	0	---	---	---	---	---	---	7
8	0	0	0.0286	0	0	0	---	---	---	---	---	---	8
9	0	0	0.0162*	0	0	0	---	---	---	---	---	---	9
10	0	0	0.0001*	0	0	0	---	---	---	---	---	---	10
11	0	0	0.0000	0	0	0	---	---	---	---	---	---	11
12	0	0	0	0	0	0	---	---	---	---	---	---	12
13	0	0	0	0	0	0	---	---	---	---	---	---	13
14	0	0	0	0	0	0	---	---	---	---	---	---	14
15	0	0	0	0	0	0	---	---	---	---	---	---	15
16	0	0	0	0.0000*	0	0	---	---	---	---	---	---	16
17	0	0	0	0.0009	0	0	---	---	---	---	---	---	17
18	0	0	0	0.0008	0.0000	0	---	---	---	---	---	---	18
19	0	0.0000*	0	0	0	0	---	---	---	---	---	---	19
20	0	---	0	0	0	0	---	---	---	---	---	---	20
21	0	0.0000*	0	0	0	0	---	---	---	---	---	---	21
22	0	---	0	0	0	0	---	---	---	---	---	---	22
23	0	---	0	0	0	0	---	---	---	---	---	---	23
24	0	---	0	0	0	0	---	---	---	---	---	---	24
25	0	---	0	0	0	0	---	---	---	---	---	---	25
26	0	---	0	0	0	0	---	---	---	---	---	---	26
27	0	---	0	0	0	0	---	---	---	---	---	---	27
28	0	---	0	0	0	0	---	---	---	---	---	---	28
29	0	---	0	0	0	0	---	---	---	---	---	---	29
30	0		0	0	0	0	---	---	---	---	---	---	30
31	0		0		0		---	---		---		---	31
TOTAL	0	0.0000#	0.0521#	0.0017	0.0000	0	---	---	---	---	---	---	TOTAL
MEAN	0	0	0.0020	0.0001	0	0	---	---	---	---	---	---	MEAN
ST.D.	0	0	0.0064	0.0002	0	0	---	---	---	---	---	---	ST.D.
MAX	0	0.0000	0.0286	0.0009	0.0000	0	---	---	---	---	---	---	MAX
MIN	0	0	0	0	0	0	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	0.0001	0.115	0.0036	0.0001	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0539

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 13.3103 B1= 1.1128 A2= 0.0000 B2= 0.0000 R^2= 0.7843 N= 20.

Watershed: Pittock Test Microbasin 1 (PTB1) Area: 25. hectares

Daily Total Phosphorous Loadings for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	---	0	0	0	---	---	---	---	---	---	1
2	0	0	---	0	0	0	---	---	---	---	---	---	2
3	0	0	---	0	0.0003	0	---	---	---	---	---	---	3
4	0	0	---	0	0	0	---	---	---	---	---	---	4
5	0	0	---	0	0	0	---	---	---	---	---	---	5
6	0	0	0.0005*	0	0	0	---	---	---	---	---	---	6
7	0	0	0.0979*	0	0	0	---	---	---	---	---	---	7
8	0	0	0.383	0	0	0	---	---	---	---	---	---	8
9	0	0	0.218*	0	0	0	---	---	---	---	---	---	9
10	0	0	0.0011*	0	0	0	---	---	---	---	---	---	10
11	0	0	0.0005	0	0	0	---	---	---	---	---	---	11
12	0	0	0	0	0	0	---	---	---	---	---	---	12
13	0	0	0	0	0	0	---	---	---	---	---	---	13
14	0	0	0	0	0	0	---	---	---	---	---	---	14
15	0	0	0	0	0	0	---	---	---	---	---	---	15
16	0	0	0	0.0006*	0	0	---	---	---	---	---	---	16
17	0	0	0	0.0130	0	0	---	---	---	---	---	---	17
18	0	0	0	0.0111	0.0003	0	---	---	---	---	---	---	18
19	0	0.0005*	0	0	0	0	---	---	---	---	---	---	19
20	0	---	0	0	0	0	---	---	---	---	---	---	20
21	0	0.0002*	0	0	0	0	---	---	---	---	---	---	21
22	0	---	0	0	0	0	---	---	---	---	---	---	22
23	0	---	0	0	0	0	---	---	---	---	---	---	23
24	0	---	0	0	0	0	---	---	---	---	---	---	24
25	0	---	0	0	0	0	---	---	---	---	---	---	25
26	0	---	0	0	0	0	---	---	---	---	---	---	26
27	0	---	0	0	0	0	---	---	---	---	---	---	27
28	0	---	0	0	0	0	---	---	---	---	---	---	28
29	0	---	0	0	0	0	---	---	---	---	---	---	29
30	0		0	0	0	0	---	---	---	---	---	---	30
31	0		0		0		---	---		---		---	31
TOTAL	0	0.0007#	0.701#	0.0247	0.0006	0	---	---	---	---	---	---	TOTAL
MEAN	0	0.0000	0.0270	0.0008	0.0000	0	---	---	---	---	---	---	MEAN
ST.D.	0	0.0001	0.0860	0.0031	0.0001	0	---	---	---	---	---	---	ST.D.
MAX	0	0.0005	0.383	0.0130	0.0003	0	---	---	---	---	---	---	MAX
MIN	0	0	0	0	0	0	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	0.0021	1.54	0.0524	0.0014	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.727

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.1657 B1= 1.0857 A2= 0.0000 B2= 0.0000 R^2= 0.9608 N= 20.

TOTAL DAILY DISCHARGE FOR 1989 Pittock Test Microbasin 2 (PTB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0	0	0	0	0	0	0	1
2	---	---	---	---	---	0	0	0	0	0	0	0	2
3	---	---	---	---	---	0	0	0	0	0	0	0	3
4	---	---	---	---	---	0	0	0	0	0	0	0	4
5	---	---	---	---	---	0	0	0	0	0	0	0	5
6	---	---	---	---	---	0	0	0	0	0	0	0	6
7	---	---	---	---	---	0	0	0	0	0	0	0	7
8	---	---	---	---	---	0	0	0	0	0	0	0	8
9	---	---	---	---	---	0	0	0	0	0	0	0	9
10	---	---	---	---	---	0	0	0	0	0	0	0	10
11	---	---	---	---	---	0	0	0	0	0	0	0	11
12	---	---	---	---	---	0	0	0	0	0	0	0	12
13	---	---	---	---	---	0	0	0	0	0	0	1472	13
14	---	---	---	---	---	0	0	0	0	0	0	3723	14
15	---	---	---	---	---	0	0	0	0	0	0	3723	15
16	---	---	---	---	---	0	0	0	0	0	0	3723	16
17	---	---	---	---	---	0	0	0	0	0	0	3723	17
18	---	---	---	---	---	0	0	0	0	0	0	3723	18
19	---	---	---	---	---	0	0	0	0	0	0	3723	19
20	---	---	---	---	---	0	0	0	0	0	0	3723	20
21	---	---	---	---	---	0	0	0	0	0	0	3723	21
22	---	---	---	---	---	0	0	0	0	0	0	3723	22
23	---	---	---	---	---	0	0	0	0	0	0	3723	23
24	---	---	---	---	---	0	0	0	0	0	0	3723	24
25	---	---	---	---	---	0	0	0	0	0	0	3723	25
26	---	---	---	---	---	0	0	0	---	0	0	3723	26
27	---	---	---	---	---	0	0	0	0	0	0	3723	27
28	---	---	---	---	---	0	0	0	0	0	0	3723	28
29	---		---	---	---	0	0	0	0	0	0	3723	29
30	---		---	---	0	0	0	0	0	0	0	3723	30
31	---		---		0		0	0		0		1863	31
TOTAL	---	---	---	---	0 #	0	0	0	0 #	0	0	66640	TOTAL
MEAN	---	---	---	---	0	0	0	0	0	0	0	2149	MEAN
ST.D.	---	---	---	---	0	0	0	0	0	0	0	1808	ST.D.
MAX	---	---	---	---	0	0	0	0	0	0	0	3723	MAX
MIN	---	---	---	---	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	---	---	---	---	---	---	---	13.3	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 66640
DRAINAGE AREA (hectares), 28.0

Watershed: Pittock Test Microbasin 2 (PTB2) Area: 28. hectares

Daily Total Suspended Solids Loads for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.NaN0 B1= 0.NaN0 A2= 0.0000 B2= 0.0000 R^2= 0.NaN0 N= 0.

Watershed: Pittock Test Microbasin 2 (PTB2) Area: 28. hectares

Daily Total Phosphorous Loadings for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.NaN0 B1= 0.NaN0 A2= 0.0000 B2= 0.0000 R^2= 0.NaN0 N= 0.

TOTAL DAILY DISCHARGE FOR 1990 Pittock Test Microbasin 2 (PTB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	6.48	0	0	4
5	0	0	0	0	0	0	0	0	0	0	1551	0	5
6	0	0	0	0	0	0	0	0	0	0	2760	0	6
7	0	0	0	0	0	0	0	0	0	0	313	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	718	0	0	0	0	0	0	0	1757	0	0	9
10	0	2586	0	0	0	0	126	0	0	977	0	0	10
11	0	667	965	0	0	0	0	0	0	1323	0	0	11
12	0	0	1558	0	0	0	0	0	0	326	0	0	12
13	0	0	970	0	0	0	0	0	0	38.2	0	0	13
14	0	0	1803	0	0	0	0	0	0	0	0	0	14
15	0	0	1443	0	0	0	0	0	0	0	0	0	15
16	0	0	524	0	0	0	0	0	0	0	0	0	16
17	1396	0	80.6	0	0	0	0	0	0	0	0	0	17
18	2716	0	0	0	123	0	0	0	0	2093	0	0	18
19	207	0	0	0	0	0	0	0	0	29.2	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	1403	179	0	0	0	0	0	0	0	791	0	22
23	0	2359	287	0	0	0	0	0	0	0	0	0	23
24	0	797	0	0	0	0	0	0	0	0	0	0	24
25	452	0	0	0	0	0	0	0	0	0	0	0	25
26	3.60	0	0	0	0	0	0	0	0	0	0	0	26
27	6.12	0	0	0	0	0	0	0	0	0	0	0	27
28	208	0	0	0	0	0	0	0	0	0	518	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	4991	8533	7815	0	123	0	126	0	0	6551	5935	0	TOTAL
MEAN	161	304	252	0	3.98	0	4.06	0	0	211	197	0	MEAN
ST.D.	542	699	518	0	22.2	0	22.6	0	0	544	582	0	ST.D.
MAX	2716	2586	1803	0	123	0	126	0	0	2093	2760	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA FLOWS	9.70	9.24	6.44	---	0.441	---	0.450	---	---	7.48	9.86	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 34076
DRAINAGE AREA (hectares), 28.0

Watershed: Pittock Test Microbasin 2 (PTB2) Area: 28. hectares

Daily Total Suspended Solids Loads for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0.0002	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0.0411*	0	5
6	0	0	0	0	0	0	0	0	0	0	0.0741*	0	6
7	0	0	0	0	0	0	0	0	0	0	0.0093	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0.0198	0	0	0	0	0	0	0	0.0476*	0	0	9
10	0	0.0701*	0	0	0	0	0.0036	0	0	0.0275*	0	0	10
11	0	0.0191	0.0263	0	0	0	0	0	0	0	0	0	11
12	0	0	0.0424	0	0	0	0	0	0	0.0355*	0	0	12
13	0	0	0.0275*	0	0	0	0	0	0	0.0091*	0	0	13
14	0	0	0.0502	0	0	0	0	0	0	0.0012	0	0	14
15	0	0	0.0408	0	0	0	0	0	0	0	0	0	15
16	0	0	0.0153	0	0	0	0	0	0	0	0	0	16
17	0.0369	0	0.0025	0	0.0037	0	0	0	0	0	0	0	17
18	0.0732	0	0	0	0	0	0	0	0	0.0559*	0	0	18
19	0.0060	0	0	0	0	0	0	0	0	0.0009	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0.0371*	0.0050	0	0	0	0	0	0	0	0.0210*	0	22
23	0	0.0642	0.0082	0	0	0	0	0	0	0	0	0	23
24	0	0.0229	0	0	0	0	0	0	0	0	0	0	24
25	0.0125	0	0	0	0	0	0	0	0	0	0	0	25
26	0.0001	0	0	0	0	0	0	0	0	0	0	0	26
27	0.0002	0	0	0	0	0	0	0	0	0	0	0	27
28	0.0060	0	0	0	0	0	0	0	0	0	0.0139*	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0.135	0.233	0.218	0	0.0037	0	0.0036	0	0	0.178	0.159	0	TOTAL
MEAN	0.0044	0.0083	0.0070	0	0.0001	0	0.0001	0	0	0.0057	0.0053	0	MEAN
ST.D.	0.0146	0.0190	0.0144	0	0.0007	0	0.0007	0	0	0.0147	0.0156	0	ST.D.
MAX	0.0732	0.0701	0.0502	0	0.0037	0	0.0036	0	0	0.0559	0.0741	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	0.261	0.250	0.179	---	0.0132	---	0.0129	---	---	0.200	0.265	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.931

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 21.1390 B1= 0.9290 A2= 0.0000 B2= 0.0000 R^2= 0.5549 N= 35.

Watershed: Pittock Test Microbasin 2 (PTB2) Area: 28. hectares

Daily Total Phosphorous Loadings for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0.0008	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0.284*	0	5
6	0	0	0	0	0	0	0	0	0	0	0.496*	0	6
7	0	0	0	0	0	0	0	0	0	0	0.0505	0	7
8	0	0.125	0	0	0	0	0	0	0	0	0	0	8
9	0	0.460*	0	0	0	0	0.0210	0	0	0.313*	0	0	9
10	0	0.112	0.171	0	0	0	0	0	0	0.167*	0	0	10
11	0	0	0.276	0	0	0	0	0	0	0.238*	0	0	11
12	0	0	0.165*	0	0	0	0	0	0	0.0564*	0	0	12
13	0	0	0.311	0	0	0	0	0	0	0.0059	0	0	13
14	0	0	0.245	0	0	0	0	0	0	0	0	0	14
15	0	0	0.0864	0	0	0	0	0	0	0	0	0	15
16	0	0	0.0123	0	0	0	0	0	0	0	0	0	16
17	0.255	0	0	0	0.0197	0	0	0	0	0	0	0	17
18	0.486	0	0	0	0	0	0	0	0	0.379*	0	0	18
19	0.0341	0	0	0	0	0	0	0	0	0.0044	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0.256*	0.0309	0	0	0	0	0	0	0	0.144*	0	22
23	0	0.418	0.0484	0	0	0	0	0	0	0	0	0	23
24	0	0.133	0	0	0	0	0	0	0	0	0	0	24
25	0.0787	0	0	0	0	0	0	0	0	0	0	0	25
26	0.0005	0	0	0	0	0	0	0	0	0	0	0	26
27	0.0009	0	0	0	0	0	0	0	0	0	0	0	27
28	0.0349	0	0	0	0	0	0	0	0	0	0.0933*	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0.890	1.50	1.35	0	0.0197	0	0.0210	0	0	1.16	1.07	0	TOTAL
MEAN	0.0287	0.0537	0.0434	0	0.0006	0	0.0007	0	0	0.0376	0.0356	0	MEAN
ST.D.	0.0974	0.124	0.0898	0	0.0035	0	0.0038	0	0	0.0976	0.105	0	ST.D.
MAX	0.486	0.460	0.311	0	0.0197	0	0.0210	0	0	0.379	0.496	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	1.74	1.64	1.11	---	0.0704	---	0.0751	---	---	1.35	1.77	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 6.01

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.2336 B1= 1.0782 A2= 0.0000 B2= 0.0000 R^2= 0.7963 N= 35.

TOTAL DAILY DISCHARGE FOR 1991 Pittock Test Microbasin 2 (PTB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		DAY
1	0	0	0	0	0	0	0	0	0	0	0	0		1
2	0	0	1647	0	0	0	0	0	0	0	0	0		2
3	0	0	564	0	0	0	0	0	0	0	0	0		3
4	0	0	0	0	0	0	0	0	0	0	0	0		4
5	0	0	0	0	0	0	0	0	0	0	0	0		5
6	0	0	1345	0	0	0	0	0	0	0	0	0		6
7	0	0	616	0	0	0	0	0	0	0	0	0		7
8	0	0	0	0	0	0	0	0	0	0	0	0		8
9	0	0	0	1108	0	0	0	0	0	0	0	0		9
10	0	0	0	510	0	0	0	0	0	0	0	0		10
11	0	0	0	0	0	0	0	0	0	0	0	0		11
12	0	0	0	0	0	0	0	0	0	0	0	0		12
13	0	0	0	0	0	0	0	0	0	0	0	0		13
14	0	0	0	0	0	0	0	0	0	0	0	0		14
15	0	0	0	1555	0	0	0	0	0	0	0	0		15
16	0	0	0	136	0	0	0	0	0	0	0	0		16
17	0	0	0	0	0	0	0	0	0	0	0	0		17
18	0	0	1594	0	0	0	0	0	0	0	0	0		18
19	0	0	78.5	0	0	0	0	0	0	0	0	0		19
20	0	0	0	1.80	0	0	0	0	0	0	0	---		20
21	0	0	0	61.9	0	0	0	0	0	0	0	---		21
22	0	0	0	0	0	0	0	0	0	0	0	---		22
23	0	0	0	0	0	0	0	0	0	0	0	---		23
24	0	0	262	0	0	0	0	0	0	0	0	---		24
25	0	0	0	0	0	0	0	0	0	0	0	---		25
26	0	0	0	0	0	0	0	0	0	0	0	---		26
27	0	0	2661	0	0	0	0	0	0	0	0	---		27
28	0	0	2133	0	0	0	0	0	0	0	0	---		28
29	0		103	0	0	0	0	0	0	0	0	---		29
30	0		0	0	0	0	0	0	0	0	0	---		30
31	0		0		0		0	0		0		---		31
TOTAL	0	0	11007	3374	0	0	0	0	0	0	0	0	#	TOTAL
MEAN	0	0	355	112	0	0	0	0	0	0	0	0		MEAN
ST.D.	0	0	720	349	0	0	0	0	0	0	0	0		ST.D.
MAX	0	0	2661	1555	0	0	0	0	0	0	0	0		MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0		MIN
MAX DLY AVG AREA FLOWS	---	---	9.50	5.56	---	---	---	---	---	---	---	---		MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 14381
DRAINAGE AREA (hectares), 28.0

Watershed: Pittock Test Microbasin 2 (PTB2) Area: 28. hectares

Daily Total Suspended Solids Loads for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0.439	0	0	0	0	0	0	0	0	0	2
3	0	0	0.0569	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0.484*	0	0	0	0	0	0	0	0	0	6
7	0	0	0.127*	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0.379*	0	0	0	0	0	0	0	0	9
10	0	0	0	0.0751	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0.513*	0	0	0	0	0	0	0	0	15
16	0	0	0	0.0112	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0.594*	0	0	0	0	0	0	0	0	0	18
19	0	0	0.0038*	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	---	20
21	0	0	0	0.0026	0	0	0	0	0	0	0	---	21
22	0	0	0	0	0	0	0	0	0	0	0	---	22
23	0	0	0	0	0	0	0	0	0	0	0	---	23
24	0	0	0.0223	0	0	0	0	0	0	0	0	---	24
25	0	0	0	0	0	0	0	0	0	0	0	---	25
26	0	0	0	0	0	0	0	0	0	0	0	---	26
27	0	0	1.03*	0	0	0	0	0	0	0	0	---	27
28	0	0	0.657*	0	0	0	0	0	0	0	0	---	28
29	0		0.0035	0	0	0	0	0	0	0	0	---	29
30	0		0	0	0	0	0	0	0	0	0	---	30
31	0		0		0		0	0		0		---	31
TOTAL	0	0	3.41	0.981	0	0	0	0	0	0	0	0 #	TOTAL
MEAN	0	0	0.110	0.0327	0	0	0	0	0	0	0	0	MEAN
ST.D.	0	0	0.252	0.115	0	0	0	0	0	0	0	0	ST.D.
MAX	0	0	1.03	0.513	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	---	3.67	1.83	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 4.39

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 15038.2314 B1= 2.1415 A2= 0.0000 B2= 0.0000 R^2= 0.7943 N= 20.

Watershed: Pittock Test Microbasin 2 (PTB2) Area: 28. hectares

Daily Total Phosphorous Loadings for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0.689	0	0	0	0	0	0	0	0	0	2
3	0	0	0.163	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0.630*	0	0	0	0	0	0	0	0	0	6
7	0	0	0.224*	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0.510*	0	0	0	0	0	0	0	0	9
10	0	0	0	0.170	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0.702*	0	0	0	0	0	0	0	0	15
16	0	0	0	0.0371	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0.748*	0	0	0	0	0	0	0	0	0	18
19	0	0	0.0178*	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0.0001	0	0	0	0	0	0	0	---	20
21	0	0	0	0.0130	0	0	0	0	0	0	0	---	21
22	0	0	0	0	0	0	0	0	0	0	0	---	22
23	0	0	0	0	0	0	0	0	0	0	0	---	23
24	0	0	0.0724	0	0	0	0	0	0	0	0	---	24
25	0	0	0	0	0	0	0	0	0	0	0	---	25
26	0	0	0	0	0	0	0	0	0	0	0	---	26
27	0	0	1.28*	0	0	0	0	0	0	0	0	---	27
28	0	0	0.926*	0	0	0	0	0	0	0	0	---	28
29	0		0.0205	0	0	0	0	0	0	0	0	---	29
30	0		0	0	0	0	0	0	0	0	0	---	30
31	0		0		0		0	0		0		---	31
TOTAL	0	0	4.77	1.43	0	0	0	0	0	0	0	0 #	TOTAL
MEAN	0	0	0.154	0.0477	0	0	0	0	0	0	0	0	MEAN
ST.D.	0	0	0.331	0.157	0	0	0	0	0	0	0	0	ST.D.
MAX	0	0	1.28	0.702	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	---	4.59	2.51	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 6.21

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 1.8242 B1= 1.4129 A2= 0.0000 B2= 0.0000 R^2= 0.4520 N= 20.

TOTAL DAILY DISCHARGE FOR 1992 Pittock Test Microbasin 2 (PTB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	0	---	---	---	---	---	---	1
2	---	---	---	0	0	0	---	---	---	---	---	---	2
3	---	---	---	0	346	0	---	---	---	---	---	---	3
4	---	---	---	0	59.0	0	---	---	---	---	---	---	4
5	---	---	---	0	0	0	---	---	---	---	---	---	5
6	---	---	775	0	0	0	---	---	---	---	---	---	6
7	---	---	1086	0	0	0	---	---	---	---	---	---	7
8	---	---	370	0	0	0	---	---	---	---	---	---	8
9	---	---	570	0	0	0	---	---	---	---	---	---	9
10	---	---	1326	0	0	0	---	---	---	---	---	---	10
11	---	---	268	0	0	0	---	---	---	---	---	---	11
12	---	---	2.52	0	0	0	---	---	---	---	---	---	12
13	---	---	0	0	0	0	---	---	---	---	---	---	13
14	---	---	0	0	0	0	---	---	---	---	---	---	14
15	---	---	0	0	0	0	---	---	---	---	---	---	15
16	---	---	0	0	0	0	---	---	---	---	---	---	16
17	---	---	0	1078	0	0	---	---	---	---	---	---	17
18	---	---	0	235	0	0	---	---	---	---	---	---	18
19	---	421	0	6.12	0	0	---	---	---	---	---	---	19
20	---	---	0	0	0	0	---	---	---	---	---	---	20
21	---	112	0	0	0	0	---	---	---	---	---	---	21
22	---	---	0	0	0	0	---	---	---	---	---	---	22
23	---	---	0	0	0	0	---	---	---	---	---	---	23
24	---	---	445	0	0	0	---	---	---	---	---	---	24
25	---	---	1241	0	0	0	---	---	---	---	---	---	25
26	---	---	0	0	0	0	---	---	---	---	---	---	26
27	---	---	0	0	0	0	---	---	---	---	---	---	27
28	---	---	0	0	0	0	---	---	---	---	---	---	28
29	---	---	0	0	0	0	---	---	---	---	---	---	29
30	---		0	0	0	0	---	---	---	---	---	---	30
31	---		0		0		---	---		---		---	31
TOTAL	---	534#	6087#	1320	405	0	---	---	---	---	---	---	TOTAL
MEAN	---	267	234	44.0	13.1	0	---	---	---	---	---	---	MEAN
ST.D.	---	218	419	200	62.8	0	---	---	---	---	---	---	ST.D.
MAX	---	421	1326	1078	346	0	---	---	---	---	---	---	MAX
MIN	---	112	0	0	0	0	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	1.51	4.74	3.85	1.24	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 8349
DRAINAGE AREA (hectares), 28.0

Watershed: Pittock Test Microbasin 2 (PTB2) Area: 28. hectares

Daily Total Suspended Solids Loads for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	0	---	---	---	---	---	---	1
2	---	---	---	0	0	0	---	---	---	---	---	---	2
3	---	---	---	0	0.0068	0	---	---	---	---	---	---	3
4	---	---	---	0	0.0073	0	---	---	---	---	---	---	4
5	---	---	---	0	0	0	---	---	---	---	---	---	5
6	---	---	0.0053*	0	0	0	---	---	---	---	---	---	6
7	---	---	0.0074*	0	0	0	---	---	---	---	---	---	7
8	---	---	0.0098	0	0	0	---	---	---	---	---	---	8
9	---	---	0.0169*	0	0	0	---	---	---	---	---	---	9
10	---	---	0.0185*	0	0	0	---	---	---	---	---	---	10
11	---	---	0.0146	0	0	0	---	---	---	---	---	---	11
12	---	---	0.0011	0	0	0	---	---	---	---	---	---	12
13	---	---	0	0	0	0	---	---	---	---	---	---	13
14	---	---	0	0	0	0	---	---	---	---	---	---	14
15	---	---	0	0	0	0	---	---	---	---	---	---	15
16	---	---	0	0.0017*	0	0	---	---	---	---	---	---	16
17	---	---	0	0.0116	0	0	---	---	---	---	---	---	17
18	---	---	0	0.0140	0	0	---	---	---	---	---	---	18
19	---	0.0031*	0	0.0023	0	0	---	---	---	---	---	---	19
20	---	---	0	0	0	0	---	---	---	---	---	---	20
21	---	0.0010*	0	0	0	0	---	---	---	---	---	---	21
22	---	---	0	0	0	0	---	---	---	---	---	---	22
23	---	---	0	0	0	0	---	---	---	---	---	---	23
24	---	---	0.0037	0	0	0	---	---	---	---	---	---	24
25	---	---	0.0085	0	0	0	---	---	---	---	---	---	25
26	---	---	0	0	0	0	---	---	---	---	---	---	26
27	---	---	0	0	0	0	---	---	---	---	---	---	27
28	---	---	0	0	0	0	---	---	---	---	---	---	28
29	---	---	0	0	0	0	---	---	---	---	---	---	29
30	---		0	0	0	0	---	---	---	---	---	---	30
31	---		0		0		---	---		---		---	31
TOTAL	---	0.0041#	0.0858#	0.0297	0.0141	0	---	---	---	---	---	---	TOTAL
MEAN	---	0.0021	0.0033	0.0010	0.0005	0	---	---	---	---	---	---	MEAN
ST.D.	---	0.0015	0.0057	0.0033	0.0018	0	---	---	---	---	---	---	ST.D.
MAX	---	0.0031	0.0185	0.0140	0.0073	0	---	---	---	---	---	---	MAX
MIN	---	0.0010	0	0	0	0	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	0.0111	0.0660	0.0501	0.0261	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.134

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.5536 B1= 0.2006 A2= 0.0000 B2= 0.0000 R^2= 0.0678 N= 21.

Watershed: Pittock Test Microbasin 2 (PTB2) Area: 28. hectares

Daily Total Phosphorous Loadings for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	0	---	---	---	---	---	---	1
2	---	---	---	0	0	0	---	---	---	---	---	---	2
3	---	---	---	0	0.0705	0	---	---	---	---	---	---	3
4	---	---	---	0	0.0291	0	---	---	---	---	---	---	4
5	---	---	---	0	0	0	---	---	---	---	---	---	5
6	---	---	0.102*	0	0	0	---	---	---	---	---	---	6
7	---	---	0.143*	0	0	0	---	---	---	---	---	---	7
8	---	---	0.0916	0	0	0	---	---	---	---	---	---	8
9	---	---	0.142*	0	0	0	---	---	---	---	---	---	9
10	---	---	0.220*	0	0	0	---	---	---	---	---	---	10
11	---	---	0.0912	0	0	0	---	---	---	---	---	---	11
12	---	---	0.0022	0	0	0	---	---	---	---	---	---	12
13	---	---	0	0	0	0	---	---	---	---	---	---	13
14	---	---	0	0	0	0	---	---	---	---	---	---	14
15	---	---	0	0	0	0	---	---	---	---	---	---	15
16	---	---	0	0.0050*	0	0	---	---	---	---	---	---	16
17	---	---	0	0.170	0	0	---	---	---	---	---	---	17
18	---	---	0	0.0820	0	0	---	---	---	---	---	---	18
19	---	0.0576*	0	0.0051	0	0	---	---	---	---	---	---	19
20	---	---	0	0	0	0	---	---	---	---	---	---	20
21	---	0.0167*	0	0	0	0	---	---	---	---	---	---	21
22	---	---	0	0	0	0	---	---	---	---	---	---	22
23	---	---	0	0	0	0	---	---	---	---	---	---	23
24	---	---	0.0620	0	0	0	---	---	---	---	---	---	24
25	---	---	0.164	0	0	0	---	---	---	---	---	---	25
26	---	---	0	0	0	0	---	---	---	---	---	---	26
27	---	---	0	0	0	0	---	---	---	---	---	---	27
28	---	---	0	0	0	0	---	---	---	---	---	---	28
29	---	---	0	0	0	0	---	---	---	---	---	---	29
30	---		0	0	0	0	---	---	---	---	---	---	30
31	---		0		0	0	---	---	---	---	---	---	31
TOTAL	---	0.0743#	1.02#	0.262	0.0996	0	---	---	---	---	---	---	TOTAL
MEAN	---	0.0372	0.0392	0.0087	0.0032	0	---	---	---	---	---	---	MEAN
ST.D.	---	0.0289	0.0654	0.0339	0.0135	0	---	---	---	---	---	---	ST.D.
MAX	---	0.0576	0.220	0.170	0.0705	0	---	---	---	---	---	---	MAX
MIN	---	0.0167	0	0	0	0	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	0.206	0.785	0.607	0.252	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 1.45

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.0409 B1= 0.6272 A2= 0.0000 B2= 0.0000 R^2= 0.7865 N= 21.

PITTOCK CONTROL MICROBASIN WATER QUALITY LOADS

TOTAL DAILY DISCHARGE FOR 1989 Pittock Control Microbasin 1 (PCB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0	0	0	0	0	0	0	1
2	---	---	---	---	---	0	0	0	0	0	0	0	2
3	---	---	---	---	---	0	0	0	0	0	0	0	3
4	---	---	---	---	---	0	0	0	0	0	0	0	4
5	---	---	---	---	---	0	0	0	0	0	0	0	5
6	---	---	---	---	---	0	0	0	0	0	0	0	6
7	---	---	---	---	---	0	0	0	0	0	0	0	7
8	---	---	---	---	---	0	0	0	0	0	0	0	8
9	---	---	---	---	---	0	0	0	0	0	0	0	9
10	---	---	---	---	---	0	0	0	0	0	0	0	10
11	---	---	---	---	---	0	0	0	0	0	0	0	11
12	---	---	---	---	---	0	0	0	0	0	0	0	12
13	---	---	---	---	---	0	0	0	0	0	0	0	13
14	---	---	---	---	---	0	0	0	0	0	0	0	14
15	---	---	---	---	---	0	0	0	0	0	3.96	0	15
16	---	---	---	---	---	0	0	0	0	0	0	0	16
17	---	---	---	---	---	0	0	0	0	0	0	0	17
18	---	---	---	---	---	0	0	0	0	0	0	0	18
19	---	---	---	---	---	0	0	0	0	0	0	0	19
20	---	---	---	---	---	0	0	0	0	0	0	0	20
21	---	---	---	---	---	0	0	0	0	0	0	0	21
22	---	---	---	---	---	0	0	0	0	0	0	0	22
23	---	---	---	---	---	0	0	0	0	0	0	0	23
24	---	---	---	---	---	0	0	0	0	0	0	0	24
25	---	---	---	---	---	0	0	0	0	0	0	0	25
26	---	---	---	---	---	0	0	0	---	0	0	0	26
27	---	---	---	---	---	0	0	0	0	0	0	0	27
28	---	---	---	---	---	0	0	0	0	0	0	0	28
29	---		---	---	---	0	0	0	0	0	0	0	29
30	---		---	---	0	0	0	0	0	0	0	0	30
31	---		---		0		0	0		0		0	31
TOTAL	---	---	---	---	0 #	0	0	0	0 #	0	3.96	0	TOTAL
MEAN	---	---	---	---	0	0	0	0	0	0	0.132	0	MEAN
ST.D.	---	---	---	---	0	0	0	0	0	0	0.723	0	ST.D.
MAX	---	---	---	---	0	0	0	0	0	0	3.96	0	MAX
MIN	---	---	---	---	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	---	---	---	---	---	---	0.0309	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 3.96
DRAINAGE AREA (hectares), 12.8

Watershed: Pittock Control Microbasin 1 (PCB1) Area: 13. hectares

Daily Total Suspended Solids Loads for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0	0	0	0	0	0	0	1
2	---	---	---	---	---	0	0	0	0	0	0	0	2
3	---	---	---	---	---	0	0	0	0	0	0	0	3
4	---	---	---	---	---	0	0	0	0	0	0	0	4
5	---	---	---	---	---	0	0	0	0	0	0	0	5
6	---	---	---	---	---	0	0	0	0	0	0	0	6
7	---	---	---	---	---	0	0	0	0	0	0	0	7
8	---	---	---	---	---	0	0	0	0	0	0	0	8
9	---	---	---	---	---	0	0	0	0	0	0	0	9
10	---	---	---	---	---	0	0	0	0	0	0	0	10
11	---	---	---	---	---	0	0	0	0	0	0	0	11
12	---	---	---	---	---	0	0	0	0	0	0	0	12
13	---	---	---	---	---	0	0	0	0	0	0	0	13
14	---	---	---	---	---	0	0	0	0	0	0	0	14
15	---	---	---	---	---	0	0	0	0	0	0.0056*	0	15
16	---	---	---	---	---	0	0	0	0	0	0	0	16
17	---	---	---	---	---	0	0	0	0	0	0	0	17
18	---	---	---	---	---	0	0	0	0	0	0	0	18
19	---	---	---	---	---	0	0	0	0	0	0	0	19
20	---	---	---	---	---	0	0	0	0	0	0	0	20
21	---	---	---	---	---	0	0	0	0	0	0	0	21
22	---	---	---	---	---	0	0	0	0	0	0	0	22
23	---	---	---	---	---	0	0	0	0	0	0	0	23
24	---	---	---	---	---	0	0	0	0	0	0	0	24
25	---	---	---	---	---	0	0	0	0	0	0	0	25
26	---	---	---	---	---	0	0	0	---	0	0	0	26
27	---	---	---	---	---	0	0	0	0	0	0	0	27
28	---	---	---	---	---	0	0	0	0	0	0	0	28
29	---		---	---	---	0	0	0	0	0	0	0	29
30	---		---	---	0	0	0	0	0	0	0	0	30
31	---		---		0		0	0		0		0	31
TOTAL	---	---	---	---	0 #	0	0	0	0 #	0	0.0056	0	TOTAL
MEAN	---	---	---	---	0	0	0	0	0	0	0.0002	0	MEAN
ST.D.	---	---	---	---	0	0	0	0	0	0	0.0010	0	ST.D.
MAX	---	---	---	---	0	0	0	0	0	0	0.0056	0	MAX
MIN	---	---	---	---	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	0.0435	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0056

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= ********** B1= 1.9570 A2= 0.0000 B2= 0.0000 R^2= -41.4724 N= 1.

Watershed: Pittock Control Microbasin 1 (PCB1) Area: 13. hectares

Daily Total Phosphorous Loadings for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0	0	0	0	0	0	0	1
2	---	---	---	---	---	0	0	0	0	0	0	0	2
3	---	---	---	---	---	0	0	0	0	0	0	0	3
4	---	---	---	---	---	0	0	0	0	0	0	0	4
5	---	---	---	---	---	0	0	0	0	0	0	0	5
6	---	---	---	---	---	0	0	0	0	0	0	0	6
7	---	---	---	---	---	0	0	0	0	0	0	0	7
8	---	---	---	---	---	0	0	0	0	0	0	0	8
9	---	---	---	---	---	0	0	0	0	0	0	0	9
10	---	---	---	---	---	0	0	0	0	0	0	0	10
11	---	---	---	---	---	0	0	0	0	0	0	0	11
12	---	---	---	---	---	0	0	0	0	0	0	0	12
13	---	---	---	---	---	0	0	0	0	0	0	0	13
14	---	---	---	---	---	0	0	0	0	0	0	0	14
15	---	---	---	---	---	0	0	0	0	0	0.0041*	0	15
16	---	---	---	---	---	0	0	0	0	0	0	0	16
17	---	---	---	---	---	0	0	0	0	0	0	0	17
18	---	---	---	---	---	0	0	0	0	0	0	0	18
19	---	---	---	---	---	0	0	0	0	0	0	0	19
20	---	---	---	---	---	0	0	0	0	0	0	0	20
21	---	---	---	---	---	0	0	0	0	0	0	0	21
22	---	---	---	---	---	0	0	0	0	0	0	0	22
23	---	---	---	---	---	0	0	0	0	0	0	0	23
24	---	---	---	---	---	0	0	0	0	0	0	0	24
25	---	---	---	---	---	0	0	0	0	0	0	0	25
26	---	---	---	---	---	0	0	0	---	0	0	0	26
27	---	---	---	---	---	0	0	0	0	0	0	0	27
28	---	---	---	---	---	0	0	0	0	0	0	0	28
29	---		---	---	---	0	0	0	0	0	0	0	29
30	---		---	---	0	0	0	0	0	0	0	0	30
31	---		---		0		0	0		0		0	31
TOTAL	---	---	---	---	0	# 0	0	0	0	# 0	0.0041	0	TOTAL
MEAN	---	---	---	---	0	0	0	0	0	0	0.0001	0	MEAN
ST.D.	---	---	---	---	0	0	0	0	0	0	0.0007	0	ST.D.
MAX	---	---	---	---	0	0	0	0	0	0	0.0041	0	MAX
MIN	---	---	---	---	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	0.0317	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0041

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= ********** B1= 3.0649 A2= 0.0000 B2= 0.0000 R^2= 1.0000 N= 1.

/charge/4100./data/loadsmicro/pcb1.flow90.out Tue Feb 16 14:09:10 1993

TOTAL DAILY DISCHARGE FOR 1990 Pittock Control Microbasin 1 (PCB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	18.7	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	2.52	4.32	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	7.20	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	2701	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	592	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	24.1	0	0	0	0	0	0	0	0	0	0	0	24
25	2.52	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	1.80	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	2728	595	11.5	0	0	0	0	0	0	0	18.7	1.80	TOTAL
MEAN	88.0	21.3	0.372	0	0	0	0	0	0	0	0.624	0.0581	MEAN
ST.D.	485	112	1.49	0	0	0	0	0	0	0	3.42	0.323	ST.D.
MAX	2701	592	7.20	0	0	0	0	0	0	0	18.7	1.80	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA FLOWS	21.1	4.63	0.0562	---	---	---	---	---	---	---	0.146	0.0141	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 3355
DRAINAGE AREA (hectares), 12.8

Watershed: Pittock Control Microbasin 1 (PCB1) Area: 13. hectares

Daily Total Suspended Solids Loads for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0.0020*	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0.0005*	0.0006*	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0.0010*	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0.0002*	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0.106	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0.0294*	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0.0016	0	0	0	0	0	0	0	0	0	0	0	24
25	0.0003	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0.0002	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0.107	0.0299	0.0016	0	0.0002	0	0	0	0	0	0.0020	0.0002	TOTAL
MEAN	0.0035	0.0011	0.0001	0	0	0	0	0	0	0	0.0001	0	MEAN
ST.D.	0.0189	0.0056	0.0002	0	0.0000	0	0	0	0	0	0.0004	0.0000	ST.D.
MAX	0.106	0.0294	0.0010	0	0.0002	0	0	0	0	0	0.0020	0.0002	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	0.824	0.230	0.0079	---	0.0016	---	---	---	---	---	0.0156	0.0016	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.141

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 23.3676 B1= 0.7907 A2= 0.0000 B2= 0.0000 R^2= 0.5680 N= 14.

Watershed: Pittock Control Microbasin 1 (PCB1) Area: 13. hectares

Daily Total Phosphorous Loadings for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0.0040*	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0.0009*	0.0012*	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0.0018*	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0.0004*	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0.354	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0.0861*	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0.0040	0	0	0	0	0	0	0	0	0	0	0	24
25	0.0005	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0.0004	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0.359	0.0870	0.0030	0	0.0004	0	0	0	0	0	0.0040	0.0004	TOTAL
MEAN	0.0116	0.0031	0.0001	0	0.0000	0	0	0	0	0	0.0001	0.0000	MEAN
ST.D.	0.0636	0.0163	0.0004	0	0.0001	0	0	0	0	0	0.0007	0.0001	ST.D.
MAX	0.354	0.0861	0.0018	0	0.0004	0	0	0	0	0	0.0040	0.0004	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	2.77	0.673	0.0142	---	0.0029	---	---	---	---	---	0.0314	0.0029	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.453

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.1055 B1= 0.9103 A2= 0.0000 B2= 0.0000 R^2= 0.7490 N= 14.

TOTAL DAILY DISCHARGE FOR 1991 Pittock Control Microbasin 1 (PCB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0.360	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	11.2	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	76.7	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	---	20
21	0	0	0	0	0	0	0	0	0	0	0	---	21
22	0	0	0	0	0	0	0	0	0	0	0	---	22
23	0	0	0	0	0	0	0	0	0	0	0	---	23
24	0	0	0	0	0	0	0	0	0	0	0	---	24
25	0	0	0	0	0	0	0	0	0	0	0	---	25
26	0	0	0	0	0	0	0	0	0	0	0	---	26
27	0	0	0.360	0	0	0	0	0	0	0	0	---	27
28	0	0	0	0	0	0	0	0	0	0	0	---	28
29	0		0	0	0	0	0	0	0	0	0	---	29
30	0		0	0	0	0	0	0	0	0	0	---	30
31	0		0		0		0	0		0		---	31
TOTAL	0	76.7	11.9	0	0	0	0	0	0	0	0	0 #	TOTAL
MEAN	0	2.74	0.383	0	0	0	0	0	0	0	0	0	MEAN
ST.D.	0	14.5	2.00	0	0	0	0	0	0	0	0	0	ST.D.
MAX	0	76.7	11.2	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA FLOWS	---	0.599	0.0872	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 88.6
DRAINAGE AREA (hectares), 12.8

Watershed: Pittock Control Microbasin 1 (PCB1) Area: 13. hectares

Daily Total Suspended Solids Loads for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0.0000	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0.0006*	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0.0002*	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0.0002*	0	0	0	0	0	0	0	0	0	18
19	0	0.0040*	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	---	20
21	0	0	0	0	0	0	0	0	0	0	0	---	21
22	0	0	0	0	0	0	0	0	0	0	0	---	22
23	0	0	0	0	0	0	0	0	0	0	0	---	23
24	0	0	0	0	0	0	0	0	0	0	0	---	24
25	0	0	0	0	0	0	0	0	0	0	0	---	25
26	0	0	0	0	0	0	0	0	0	0	0	---	26
27	0	0	0.0001*	0	0	0	0	0	0	0	0	---	27
28	0	0	0	0	0	0	0	0	0	0	0	---	28
29	0		0	0	0	0	0	0	0	0	0	---	29
30	0		0	0	0	0	0	0	0	0	0	---	30
31	0		0		0		0	0		0		---	31
TOTAL	0	0.0040	0.0009	0.0002	0	0	0	0	0	0	0	0 #	TOTAL
MEAN	0	0.0001	0.0000	0	0	0	0	0	0	0	0	0	MEAN
ST.D.	0	0.0008	0.0001	0.0000	0	0	0	0	0	0	0	0	ST.D.
MAX	0	0.0040	0.0006	0.0002	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	0.0315	0.0051	0.0014	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0051

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 61.7769 B1= 1.0314 A2= 0.0000 B2= 0.0000 R^2= 0.4758 N= 9.

Watershed: Pittock Control Microbasin 1 (PCB1) Area: 13. hectares

Daily Total Phosphorous Loadings for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0.0001	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0.0030*	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0.0008*	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0.0008*	0	0	0	0	0	0	0	0	0	18
19	0	0.0146*	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	---	20
21	0	0	0	0	0	0	0	0	0	0	0	---	21
22	0	0	0	0	0	0	0	0	0	0	0	---	22
23	0	0	0	0	0	0	0	0	0	0	0	---	23
24	0	0	0	0	0	0	0	0	0	0	0	---	24
25	0	0	0	0	0	0	0	0	0	0	0	---	25
26	0	0	0	0	0	0	0	0	0	0	0	---	26
27	0	0	0.0004*	0	0	0	0	0	0	0	0	---	27
28	0	0	0	0	0	0	0	0	0	0	0	---	28
29	0		0	0	0	0	0	0	0	0	0	---	29
30	0		0	0	0	0	0	0	0	0	0	---	30
31	0		0		0		0	0		0		---	31
TOTAL	0	0.0146	0.0044	0.0008	0	0	0	0	0	0	0	0 #	TOTAL
MEAN	0	0.0005	0.0001	0.0000	0	0	0	0	0	0	0	0	MEAN
ST.D.	0	0.0028	0.0006	0.0001	0	0	0	0	0	0	0	0	ST.D.
MAX	0	0.0146	0.0030	0.0008	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	0.114	0.0238	0.0064	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0198

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.1309 B1= 0.9275 A2= 0.0000 B2= 0.0000 R^2= 0.4590 N= 9.

TOTAL DAILY DISCHARGE FOR 1992 Pittock Control Microbasin 1 (PCB1)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	0	---	---	---	---	---	---	1
2	---	---	---	0	0	0	---	---	---	---	---	---	2
3	---	---	---	0	0	0	---	---	---	---	---	---	3
4	---	---	---	0	0	0	---	---	---	---	---	---	4
5	---	---	---	0	0	0	---	---	---	---	---	---	5
6	---	---	---	0	0	0	---	---	---	---	---	---	6
7	---	---	---	0	0	0	---	---	---	---	---	---	7
8	---	---	0	0	0	0	---	---	---	---	---	---	8
9	---	---	0	0	0	0	---	---	---	---	---	---	9
10	---	---	0.360	0	0	0	---	---	---	---	---	---	10
11	---	---	0	0	0	0	---	---	---	---	---	---	11
12	---	---	0	0	0	0	---	---	---	---	---	---	12
13	---	---	0	0	0	0	---	---	---	---	---	---	13
14	---	---	0	0	0	0	---	---	---	---	---	---	14
15	---	---	0	0	0	0	---	---	---	---	---	---	15
16	---	---	0	5.04	0	0	---	---	---	---	---	---	16
17	---	---	0	0	0	0	---	---	---	---	---	---	17
18	---	---	0	0	0	0	---	---	---	---	---	---	18
19	---	---	0	0	0	0	---	---	---	---	---	---	19
20	---	---	0	0	0	0	---	---	---	---	---	---	20
21	---	---	0	0	0	0	---	---	---	---	---	---	21
22	---	---	0	0	0	0	---	---	---	---	---	---	22
23	---	---	0	0	0	0	---	---	---	---	---	---	23
24	---	---	0	0	0	0	---	---	---	---	---	---	24
25	---	---	0	0	0	0	---	---	---	---	---	---	25
26	---	---	0	0	0	0	---	---	---	---	---	---	26
27	---	---	0	0	0	0	---	---	---	---	---	---	27
28	---	---	0	0	0	0	---	---	---	---	---	---	28
29	---	---	0	0	0	0	---	---	---	---	---	---	29
30	---		0	0	0	0	---	---	---	---	---	---	30
31	---		0		0		---	---		---		---	31
TOTAL	---	---	0.360#	5.04	0	0	---	---	---	---	---	---	TOTAL
MEAN	---	---	0.0150	0.168	0	0	---	---	---	---	---	---	MEAN
ST.D.	---	---	0.0735	0.920	0	0	---	---	---	---	---	---	ST.D.
MAX	---	---	0.360	5.04	0	0	---	---	---	---	---	---	MAX
MIN	---	---	0	0	0	0	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	---	0.0028	0.0394	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 5.40
DRAINAGE AREA (hectares), 12.8

Watershed: Pittock Control Microbasin 1 (PCB1) Area: 13. hectares

Daily Total Suspended Solids Loads for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	0	---	---	---	---	---	---	1
2	---	---	---	0	0	0	---	---	---	---	---	---	2
3	---	---	---	0	0	0	---	---	---	---	---	---	3
4	---	---	---	0	0	0	---	---	---	---	---	---	4
5	---	---	---	0	0	0	---	---	---	---	---	---	5
6	---	---	---	0	0	0	---	---	---	---	---	---	6
7	---	---	---	0	0	0	---	---	---	---	---	---	7
8	---	---	0	0	0	0	---	---	---	---	---	---	8
9	---	---	0	0	0	0	---	---	---	---	---	---	9
10	---	---	0.0002*	0	0	0	---	---	---	---	---	---	10
11	---	---	0	0	0	0	---	---	---	---	---	---	11
12	---	---	0	0	0	0	---	---	---	---	---	---	12
13	---	---	0	0	0	0	---	---	---	---	---	---	13
14	---	---	0	0	0	0	---	---	---	---	---	---	14
15	---	---	0	0	0	0	---	---	---	---	---	---	15
16	---	---	0	0.0000	0	0	---	---	---	---	---	---	16
17	---	---	0	0	0	0	---	---	---	--	---	---	17
18	---	---	0	0	0	0	---	---	---	---	---	---	18
19	---	---	0	0	0	0	---	---	---	---	---	---	19
20	---	---	0	0	0	0	---	---	---	---	---	---	20
21	---	---	0	0	0	0	---	---	---	---	---	---	21
22	---	---	0	0	0	0	---	---	---	---	---	---	22
23	---	---	0	0	0	0	---	---	---	---	---	---	23
24	---	---	0	0	0	0	---	---	---	---	---	---	24
25	---	---	0	0	0	0	---	---	---	---	---	---	25
26	---	---	0	0	0	0	---	---	---	---	---	---	26
27	---	---	0	0	0	0	---	---	---	---	---	---	27
28	---	---	0	0	0	0	---	---	---	---	---	---	28
29	---	---	0	0	0	0	---	---	---	---	---	---	29
30	---		0	0	0	0	---	---	---	---	---	---	30
31	---		0		0		---	---		---		---	31
TOTAL	---	---	0.0002#	0.0000	0	0	---	---	---	---	---	---	TOTAL
MEAN	---	---	0	0	0	0	---	---	---	---	---	---	MEAN
ST.D.	---	---	0.0000	0	0	0	---	---	---	---	---	---	ST.D.
MAX	---	---	0.0002	0.0000	0	0	---	---	---	---	---	---	MAX
MIN	---	---	0	0	0	0	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	0.0012	0.0003	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0002

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= ********** B1= 2.3205 A2= 0.0000 B2= 0.0000 R^2= 0.0000 N= 5.

Watershed: Pittock Control Microbasin 1 (PCB1) Area: 13. hectares

Daily Total Phosphorous Loadings for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	Inf	Inf	Inf	---	---	---	---	---	---	1
2	---	---	---	Inf	Inf	Inf	---	---	---	---	---	---	2
3	---	---	---	Inf	Inf	Inf	---	---	---	---	---	---	3
4	---	---	---	Inf	Inf	Inf	---	---	---	---	---	---	4
5	---	---	---	Inf	Inf	Inf	---	---	---	---	---	---	5
6	---	---	---	Inf	Inf	Inf	---	---	---	---	---	---	6
7	---	---	---	Inf	Inf	Inf	---	---	---	---	---	---	7
8	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	8
9	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	9
10	---	---	Inf	*Inf	Inf	Inf	---	---	---	---	---	---	10
11	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	11
12	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	12
13	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	13
14	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	14
15	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	15
16	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	16
17	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	17
18	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	18
19	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	19
20	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	20
21	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	21
22	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	22
23	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	23
24	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	24
25	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	25
26	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	26
27	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	27
28	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	28
29	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	29
30	---		Inf	Inf	Inf	Inf	---	---	---	---	---	---	30
31	---		Inf		Inf		---	---		---		---	31
TOTAL	---	---	Inf	#Inf	Inf	Inf	---	---	---	---	---	---	TOTAL
MEAN	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	MAX
MIN	---	---	999	999	999	999	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	Inf	Inf	Inf	Inf	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, Inf

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.0000 B1= -0.6517 A2= 0.0000 B2= 0.0000 R^2= 0.0000 N= 5.

TOTAL DAILY DISCHARGE FOR 1989 Pittock Control Microbasin 2 (PCB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0	0	0	0	0	0	0	1
2	---	---	---	---	---	0	0	0	0	0	0	0	2
3	---	---	---	---	---	0	0	0	0	0	0	0	3
4	---	---	---	---	---	0	0	0	0	0	0	0	4
5	---	---	---	---	---	0	0	0	0	0	0	0	5
6	---	---	---	---	---	0	0	0	0	0	0	0	6
7	---	---	---	---	---	0	0	0	0	0	0	0	7
8	---	---	---	---	---	0	0	0	0	0	0	0	8
9	---	---	---	---	---	0	0	0	0	0	0	0	9
10	---	---	---	---	---	0	0	0	0	0	0	0	10
11	---	---	---	---	---	0	0	0	0	0	0	0	11
12	---	---	---	---	---	0	0	0	0	0	0	0	12
13	---	---	---	---	---	0	0	0	0	0	0	0	13
14	---	---	---	---	---	0	0	0	0	0	0	0	14
15	---	---	---	---	---	0	0	0	0	0	0	0	15
16	---	---	---	---	---	0	0	0	0	0	0	0	16
17	---	---	---	---	---	0	0	0	0	0	0	0	17
18	---	---	---	---	---	0	0	0	0	0	0	0	18
19	---	---	---	---	---	0	0	0	0	0	0	0	19
20	---	---	---	---	---	0	0	0	0	0	0	0	20
21	---	---	---	---	---	0	0	0	0	0	0	0	21
22	---	---	---	---	---	0	0	0	0	0	0	0	22
23	---	---	---	---	---	0	0	0	0	0	0	0	23
24	---	---	---	---	---	0	0	0	0	0	0	0	24
25	---	---	---	---	---	0	0	0	0	0	0	0	25
26	---	---	---	---	---	0	0	0	---	0	0	0	26
27	---	---	---	---	---	0	0	0	0	0	0	0	27
28	---	---	---	---	---	0	0	0	0	0	0	0	28
29	---		---	---	---	0	0	0	0	0	0	0	29
30	---		---	---	0	0	0	0	0	0	0	0	30
31	---		---		0		0	0		0		0	31
TOTAL	---	---	---	---	0 #	0	0	0	0 #	0	0	0	TOTAL
MEAN	---	---	---	---	0	0	0	0	0	0	0	0	MEAN
ST.D.	---	---	---	---	0	0	0	0	0	0	0	0	ST.D.
MAX	---	---	---	---	0	0	0	0	0	0	0	0	MAX
MIN	---	---	---	---	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA FLOWS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 0
DRAINAGE AREA (hectares), 34.0

Watershed: Pittock Control Microbasin 2 (PCB2) Area: 34. hectares

Daily Total Suspended Solids Loads for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	1
2	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	2
3	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	3
4	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	4
5	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	5
6	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	6
7	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	7
8	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	8
9	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	9
10	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	10
11	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	11
12	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	12
13	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	13
14	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	14
15	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	15
16	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	16
17	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	17
18	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	18
19	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	19
20	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	20
21	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	21
22	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	22
23	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	23
24	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	24
25	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	25
26	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	26
27	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	27
28	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	28
29	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	29
30	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	30
31	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	31
TOTAL	---	---	---	---	---	Inf	*Inf	Inf	Inf	#Inf	Inf	Inf	TOTAL
MEAN	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	MEAN
ST.D.	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	ST.D.
MAX	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	MAX
MIN	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	Inf	Inf	Inf	Inf	Inf	Inf	Inf	MAX DLY AVG AREA LOADS

TOTAL LOAD FOR YEAR, Inf

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.0000 B1= -8.6620 A2= 0.0000 B2= 0.0000 R^2= -32.3200 N= 1.

Watershed: Pittock Control Microbasin 2 (PCB2) Area: 34. hectares

Daily Total Phosphorous Loadings for 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
ST.D.	---	---	---	---	---	---	---	---	---	---	---	---	ST.D.
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	---	---	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.0000 B1= -17.2681 A2= 0.0000 B2= 0.0000 R^2= -10.1583 N= 1.

TOTAL DAILY DISCHARGE FOR 1990 Pittock Control Microbasin 2 (PCB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	155	0	5
6	0	0	0	0	0	0	0	0	0	0	10.1	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	10.4	0	11
12	0	0	33.1	0	0	0	0	0	0	514	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	36.4	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	36.4	33.1	0	0	0	0	0	0	514	175	0	TOTAL
MEAN	0	1.30	1.07	0	0	0	0	0	0	16.6	5.86	0	MEAN
ST.D.	0	6.87	5.95	0	0	0	0	0	0	92.4	28.3	0	ST.D.
MAX	0	36.4	33.1	0	0	0	0	0	0	514	155	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA FLOWS	---	0.107	0.0974	---	---	---	---	---	---	1.51	0.456	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 759
DRAINAGE AREA (hectares), 34.0

Watershed: Pittock Control Microbasin 2 (PCB2) Area: 34. hectares

Daily Total Suspended Solids Loads for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0.0062*	0	5
6	0	0	0	0	0	0	0	0	0	0	0.0005	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0.0006	0	11
12	0	0	0.0016*	0	0	0	0	0	0	0.0183	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0.0001*	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0.0017*	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0.0017	0.0016	0	0.0001	0	0	0	0	0.0183	0.0074	0	TOTAL
MEAN	0	0.0001	0.0001	0	0	0	0	0	0	0.0006	0.0002	0	MEAN
ST.D.	0	0.0003	0.0003	0	0.0000	0	0	0	0	0.0033	0.0011	0	ST.D.
MAX	0	0.0017	0.0016	0	0.0001	0	0	0	0	0.0183	0.0062	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	0.0050	0.0047	---	0.0004	---	---	---	---	0.0537	0.0184	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0291

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 20.3054 B1= 0.8350 A2= 0.0000 B2= 0.0000 R^2= 0.8179 N= 5.

Watershed: Pittock Control Microbasin 2 (PCB2) Area: 34. hectares

Daily Total Phosphorous Loadings for 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0.0983*	0	5
6	0	0	0	0	0	0	0	0	0	0	0.0029	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0.0022	0	11
12	0	0	0.0162*	0	0	0	0	0	0	0.453	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0.0002*	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0.0185*	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0.0185	0.0162	0	0.0002	0	0	0	0	0.453	0.103	0	TOTAL
MEAN	0	0.0007	0.0005	0	0	0	0	0	0	0.0146	0.0034	0	MEAN
ST.D.	0	0.0035	0.0029	0	0.0000	0	0	0	0	0.0815	0.0179	0	ST.D.
MAX	0	0.0185	0.0162	0	0.0002	0	0	0	0	0.453	0.0983	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	0.0546	0.0478	---	0.0007	---	---	---	---	1.33	0.289	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.592

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 3.7760 B1= 1.4385 A2= 0.0000 B2= 0.0000 R^2= 0.9813 N= 5.

TOTAL DAILY DISCHARGE FOR 1991 Pittock Control Microbasin 2 (PCB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	227	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	366	0	0	0	0	0	0	0	0	0	6
7	0	0	92.2	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0.360	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	914	0	0	0	0	0	0	0	0	0	27
28	0	0	961	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	2562	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	82.6	0	0	0	0	0	0	0	0	0	MEAN
ST.D.	0	0	240	0	0	0	0	0	0	0	0	0	ST.D.
MAX	0	0	961	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA FLOWS	---	---	2.83	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 2562
DRAINAGE AREA (hectares), 34.0

Watershed: Pittock Control Microbasin 2 (PCB2) Area: 34. hectares

Daily Total Suspended Solids Loads for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0.0092	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0.0180*	0	0	0	0	0	0	0	0	0	6
7	0	0	0.0035	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0.0000*	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0.0727*	0	0	0	0	0	0	0	0	0	27
28	0	0	0.0709*	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0.174	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0.0056	0	0	0	0	0	0	0	0	0	MEAN
ST.D.	0	0	0.0180	0	0	0	0	0	0	0	0	0	ST.D.
MAX	0	0	0.0727	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	---	0.214	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.174

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 318.3237 B1= 1.4664 A2= 0.0000 B2= 0.0000 R^2= 0.9541 N= 7.

Watershed: Pittock Control Microbasin 2 (PCB2) Area: 34. hectares

Daily Total Phosphorous Loadings for 1991

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0.0440	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0.0739*	0	0	0	0	0	0	0	0	0	6
7	0	0	0.0176	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0.0003*	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0.0000	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0.202*	0	0	0	0	0	0	0	0	0	27
28	0	0	0.209*	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0.546	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0.0176	0	0	0	0	0	0	0	0	0	MEAN
ST.D.	0	0	0.0524	0	0	0	0	0	0	0	0	0	ST.D.
MAX	0	0	0.209	0	0	0	[illegible]	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	[illegible]	0	0	0	0	0	MIN
MAX DLY AVG AREA LOADS	---	---	0.614	---	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.546

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.2886 B1= 1.0892 A2= 0.0000 B2= 0.0000 R^2= 0.9473 N= 6.

TOTAL DAILY DISCHARGE FOR 1992 Pittock Control Microbasin 2 (PCB2)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	---	0	0	0	---	---	---	---	---	---	1
2	0	63.0	---	0	0	0	---	---	---	---	---	---	2
3	0	0	---	0	0	0	---	---	---	---	---	---	3
4	0	1.08	---	0	0	0	---	---	---	---	---	---	4
5	0	0	---	0	0	0	---	---	---	---	---	---	5
6	0	136	---	0	0	0	---	---	---	---	---	---	6
7	0	424	---	0	0	0	---	---	---	---	---	---	7
8	0	57.6	0	0	0	0	---	---	---	---	---	---	8
9	0	0	0	0	0	0	---	---	---	---	---	---	9
10	0	0	2850	0	0	0	---	---	---	---	---	---	10
11	0	0	0	0	0	0	---	---	---	---	---	---	11
12	0	0	0	0	0	0	---	---	---	---	---	---	12
13	0	0	0	0	0	0	---	---	---	---	---	---	13
14	0	0	0	0	0	0	---	---	---	---	---	---	14
15	0	0	0	0	0	0	---	---	---	---	---	---	15
16	0	0	0	0	0	0	---	---	---	---	---	---	16
17	0	0	0	14.4	0	0	---	---	---	---	---	---	17
18	0	0	0	0	0	0	---	---	---	---	---	---	18
19	0	0	0	0	0	0	---	---	---	---	---	---	19
20	0	0	0	0	0	0	---	---	---	---	---	---	20
21	0	0	0	0	0	0	---	---	---	---	---	---	21
22	0	0	0	0	0	0	---	---	---	---	---	---	22
23	0	0	0	0	0	0	---	---	---	---	---	---	23
24	0	0	0	0	0	0	---	---	---	---	---	---	24
25	0	0	0	0	0	0	---	---	---	---	---	---	25
26	0	0	0	0	0	0	---	---	---	---	---	---	26
27	0	0	0	0	0	0	---	---	---	---	---	---	27
28	0	---	0	0	0	0	---	---	---	---	---	---	28
29	0	---	0	0	0	0	---	---	---	---	---	---	29
30	0		0	0	0	0	---	---	---	---	---	---	30
31	0		0		0		---	---		---		---	31
TOTAL	0	681#	2850#	14.4	0	0	---	---	---	---	---	---	TOTAL
MEAN	0	25.3	118	0.480	0	0	---	---	---	---	---	---	MEAN
ST.D.	0	85.1	581	2.63	0	0	---	---	---	---	---	---	ST.D.
MAX	0	424	2850	14.4	0	0	---	---	---	---	---	---	MAX
MIN	0	0	0	0	0	0	---	---	---	---	---	---	MIN
MAX DLY AVG AREA FLOWS	---	1.25	8.38	0.0424	---	---	---	---	---	---	---	---	MAX DLY AVG AREA FLOWS

NOTE: discharge given in m^3/d , area flows given in l/m^2
incomplete total.

TOTAL DISCHARGE FOR YEAR, 3546
DRAINAGE AREA (hectares), 34.0

Watershed: Pittock Control Microbasin 2 (PCB2) Area: 34. hectares

Daily Total Suspended Solids Loads for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	---	0	0	0	---	---	---	---	---	---	1
2	0	0.0024	---	0	0	0	---	---	---	---	---	---	2
3	0	0	---	0	0	0	---	---	---	---	---	---	3
4	0	0.0003	---	0	0	0	---	---	---	---	---	---	4
5	0	0	---	0	0	0	---	---	---	---	---	---	5
6	0	0.0045	---	0	0	0	---	---	---	---	---	---	6
7	0	0.0120	---	0	0	0	---	---	---	---	---	---	7
8	0	0.0037	0	0	0	0	---	---	---	---	---	---	8
9	0	0	0.0002*	0	0	0	---	---	---	---	---	---	9
10	0	0	0.0134*	0	0	0	---	---	---	---	---	---	10
11	0	0	0	0	0	0	---	---	---	---	---	---	11
12	0	0	0	0	0	0	---	---	---	---	---	---	12
13	0	0	0	0	0	0	---	---	---	---	---	---	13
14	0	0	0	0	0	0	---	---	---	---	---	---	14
15	0	0	0	0	0	0	---	---	---	---	---	---	15
16	0	0	0	0.0008*	0	0	---	---	---	---	---	---	16
17	0	0	0	0.0011	0	0	---	---	---	---	---	---	17
18	0	0	0	0	0	0	---	---	---	---	---	---	18
19	0	0	0	0	0	0	---	---	---	---	---	---	19
20	0	0	0	0	0	0	---	---	---	---	---	---	20
21	0	0	0	0	0	0	---	---	---	---	---	---	21
22	0	0	0	0	0	0	---	---	---	---	---	---	22
23	0	0	0	0	0	0	---	---	---	---	---	---	23
24	0	0	0	0	0	0	---	---	---	---	---	---	24
25	0	0	0	0	0	0	---	---	---	---	---	---	25
26	0	0	0	0	0	0	---	---	---	---	---	---	26
27	0	0	0	0	0	0	---	---	---	---	---	---	27
28	0	---	0	0	0	0	---	---	---	---	---	---	28
29	0	---	0	0	0	0	---	---	---	---	---	---	29
30	0		0	0	0	0	---	---	---	---	---	---	30
31	0		0		0		---	---		---		---	31
TOTAL	0	0.0230#	0.0136#	0.0018	0	0	---	---	---	---	---	---	TOTAL
MEAN	0	0.0009	0.0006	0.0001	0	0	---	---	---	---	---	---	MEAN
ST.D.	0	0.0025	0.0027	0.0002	0	0	---	---	---	---	---	---	ST.D.
MAX	0	0.0120	0.0134	0.0011	0	0	---	---	---	---	---	---	MAX
MIN	0	0	0	0	0	0	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	0.0353	0.0395	0.0032	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in tonnes, area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.0384

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 1.3573 B1= 0.4266 A2= 0.0000 B2= 0.0000 R^2= 0.6558 N= 9.

Watershed: Pittock Control Microbasin 2 (PCB2) Area: 34. hectares

Daily Total Phosphorous Loadings for 1992

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	---	0	0	0	---	---	---	---	---	---	1
2	0	0.0082	---	0	0	0	---	---	---	---	---	---	2
3	0	0	---	0	0	0	---	---	---	---	---	---	3
4	0	0.0003	---	0	0	0	---	---	---	---	---	---	4
5	0	0	---	0	0	0	---	---	---	---	---	---	5
6	0	0.0172	---	0	0	0	---	---	---	---	---	---	6
7	0	0.0513	---	0	0	0	---	---	---	---	---	---	7
8	0	0.0087	0	0	0	0	---	---	---	---	---	---	8
9	0	0	0.0003*	0	0	0	---	---	---	---	---	---	9
10	0	0	0.205*	0	0	0	---	---	---	---	---	---	10
11	0	0	0	0	0	0	---	---	---	---	---	---	11
12	0	0	0	0	0	0	---	---	---	---	---	---	12
13	0	0	0	0	0	0	---	---	---	---	---	---	13
14	0	0	0	0	0	0	---	---	---	---	---	---	14
15	0	0	0	0	0	0	---	---	---	---	---	---	15
16	0	0	0	0.0013*	0	0	---	---	---	---	---	---	16
17	0	0	0	0.0023	0	0	---	---	---	---	---	---	17
18	0	0	0	0	0	0	---	---	---	---	---	---	18
19	0	0	0	0	0	0	---	---	---	---	---	---	19
20	0	0	0	0	0	0	---	---	---	---	---	---	20
21	0	0	0	0	0	0	---	---	---	---	---	---	21
22	0	0	0	0	0	0	---	---	---	---	---	---	22
23	0	0	0	0	0	0	---	---	---	---	---	---	23
24	0	0	0	0	0	0	---	---	---	---	---	---	24
25	0	0	0	0	0	0	---	---	---	---	---	---	25
26	0	0	0	0	0	0	---	---	---	---	---	---	26
27	0	0	0	0	0	0	---	---	---	---	---	---	27
28	0	---	0	0	0	0	---	---	---	---	---	---	28
29	0	---	0	0	0	0	---	---	---	---	---	---	29
30	0		0	0	0	0	---	---	---	---	---	---	30
31	0		0		0		---	---		---		---	31
TOTAL	0	0.0856#	0.205#	0.0036	0	0	---	---	---	---	---	---	TOTAL
MEAN	0	0.0032	0.0086	0.0001	0	0	---	---	---	---	---	---	MEAN
ST.D.	0	0.0104	0.0418	0.0005	0	0	---	---	---	---	---	---	ST.D.
MAX	0	0.0513	0.205	0.0023	0	0	---	---	---	---	---	---	MAX
MIN	0	0	0	0	0	0	---	---	---	---	---	---	MIN
MAX DLY AVG AREA LOADS	---	0.151	0.603	0.0067	---	---	---	---	---	---	---	---	MAX DLY AVG AREA LOADS

NOTE: loads given in kg , area load given in g/m^2
* denotes sampling days, # incomplete total.

TOTAL LOAD FOR YEAR, 0.294

LOAD ESTIMATION PROCEDURE USED: PL Regression
Fitted curve is A0= 0.0000 A1= 0.0501 B1= 0.8333 A2= 0.0000 B2= 0.0000 R^2= 0.9777 N= 9.

APPENDIX D

RAINFALL SIMULATION DATA

Characteristics of Rainfall Simulation Sites

Season	Watershed	Plot ID	slope (%)	antecedant moisture (%)	residue (%)
PT90	Essex	et1	3	19.11	59
		et2	3.25	17.64	59
		et3	1	18.96	74
		ec1	4	19.49	6
		ec2	6.75	18.9	5
		ec3	5	17.29	3
	Kettle Creek	kt1	7	33	76
		kt2	6.25	35.83	79
		kt3	6.25	33.45	85
		kc1	9.27	29.36	2
		kc2	12.03	32.79	3
		kc3	13	30.94	4
	Pittock	pt1	11.55	37.24	11
		pt2	15.7	37.21	13
		pt3	12.35	37.38	7
		pc1	8.85	38.33	4
		pc2	9.5	34.09	2
		pc3	3.2	25.36	3
PP91	Essex	et1	1.8	29.64	84
		et2	1.4	27.51	94
		et3	0.65	25.64	91
		ec1	5	18.75	15
		ec2	4.15	10.82	12
		ec3	3.33	17.07	4
	Kettle Creek	kt1	5.25	27.72	84
		kt2	7.35	28.62	81
		kt3	6.65	29.49	84
		kc1	5.7	25.85	6
		kc2	7.35	29.91	8
		kc3	7.2	28.08	15
	Pittock	pt1	3.5	29.47	37
		pt2	6.7	29.12	34
		pt3	2.4	27.18	44
		pc1	0.65	16.32	11
		pc2	4	15.03	13
		pc3	4.3	16.67	12

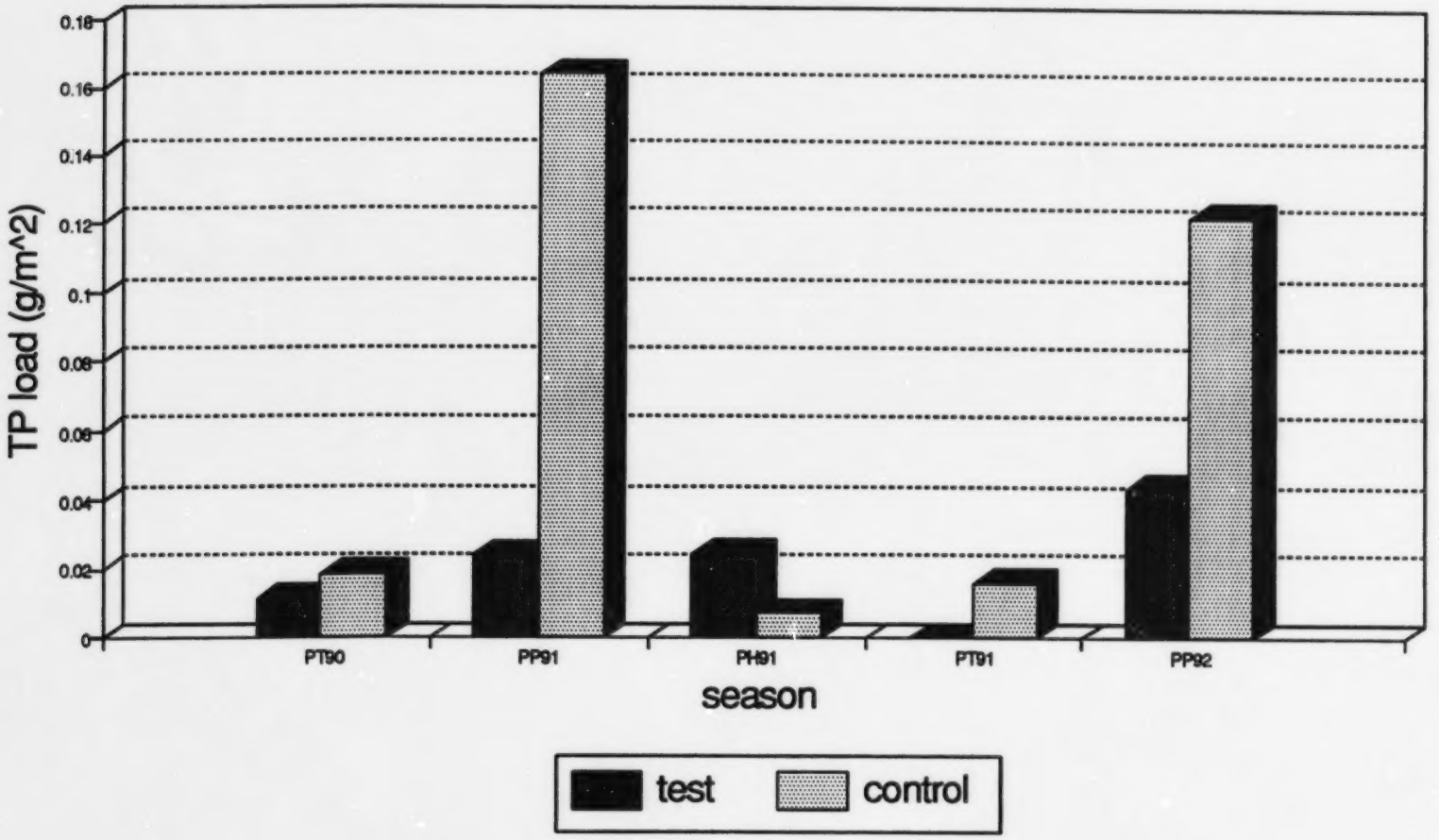
Characteristics of Rainfall Simulation Sites

Season	Watershed	Plot ID	slope (%)	antecedant moisture (%)	residue (%)
PH91	Essex	et1	2.05	15.93	47
		et2	1.2	16.78	54
		et3	2.8	16.9	60
		ec1	4.9	15.18	65
		ec2	4.3	15.93	71
		ec3	1.9	15.25	65
	Kettle Creek	kt1	4.8	15.35	95
		kt2	2.6	16.29	88
		kt3	2.4	16.52	90
		kc1	6	7.39	88
		kc2	5.3	8.69	80
		kc3	5.2	10.45	81
	Pittock	pt1	2.4	34.14	92
		pt2	3.1	35.1	87
		pt3	2.2	35.87	90
		pc1	1.3	19.76	91
		pc2	0.8	18.52	85
		pc3	1.5	19.6	78
PT91	Essex	et1	1.05	17.35	48
		et2	1.1	16.72	43
		et3	1.75	12.78	26
		ec1	2.85	17.44	43
		ec2	2	14.06	34
		ec3	1.55	13.26	32
	Kettle Creek	kt1	4.8	15.35	95
		kt2	2.6	16.29	88
		kt3	2.4	16.52	90
		kc1	7	23.13	8
		kc2	7.9	23.44	4
		kc3	3.9	25.17	13
	Pittock	pt1	2.4	34.14	92
		pt2	3.1	35.1	87
		pt3	2.2	35.87	90
		pc1	7.05	33.49	2
		pc2	9.1	33.67	6
		pc3	10.5	35.18	1

Characteristics of Rainfall Simulation Sites

Season	Watershed	Plot ID	slope (%)	antecedant moisture (%)	residue (%)
PP92	Essex	et1	1.5	20.37	53
		et2	2.25	24.17	65
		et3	1	20.97	33
		ec1	5.4	22.51	4
		ec2	4.5	27.52	5
		ec3	5.4	23.33	5
	Kettle Creek	kt1	3.1	21.4	92
		kt2	1.35	24.9	94
		kt3	3.7	22.8	92
		kc1	3.1	24.1	31
		kc2	1.8	26.17	30
		kc3	4	26.29	28
	Pittock	pt1	1.7	29.62	78
		pt2	1.2	30.11	71
		pt3	2.6	29.62	92
		pc1	5.4	21.97	17
		pc2	3	22.84	12
		pc3	1.2	23.38	20

Figure 4: Rainfall Simulation - Essex
Average TP Load by Season



Rainfall Simulation Results - post tillage '90

Field Date: Nov. 9/90

Plot ID	Wash Water(ml)	Total Runoff(ml)	Lab TSS Conc (mg/l)	Lab TP Conc (mg/l)	True TSS Conc (mg/l)	True TP Conc (mg/l)	TSS Load (g/m2)	TP Load (g/m2)	Avg. TSS Load (g/m2)	Avg. TP Load (g/m2)
KC1	1000	250	12100	50.0	60500	250.0	15.13	0.0625		
KC2	500	300	5400	8.6	14400	22.9	4.32	0.0069		
KC3	1000	12800	6300	8.6	6792	9.3	86.94	0.1187	35.46	0.0627
KT1	500	25750	1480	2.2	1509	2.2	38.85	0.0578		
KT2	500	19050	1030	6.5	1057	6.7	20.14	0.1271		
KT3	500	19500	1440	2.3	1477	2.4	28.80	0.0460	29.26	0.0769

Field Date:Nov. 15/90

Plot ID	Wash Water(ml)	Total Runoff(ml)	Lab TSS Conc (mg/l)	Lab TP Conc (mg/l)	True TSS Conc (mg/l)	True TP Conc (mg/l)	TSS Load (g/m2)	TP Load (g/m2)	Avg. TSS Load (g/m2)	Avg. TP Load (g/m2)
EC1	500	5000	5900	7.2	6490	7.9	32.45	0.0396		
EC2	500	500	5400	5.4	10800	10.8	5.40	0.0054		
EC3	500	1500	4300	5.0	5733	6.7	8.60	0.0100	15.48	0.0183
ET1	500	6250	2600	3.2	2808	3.5	17.55	0.0216		
ET2	500	1050	3800	4.9	5610	7.2	5.89	0.0076		
ET3	500	1080	2700	3.2	3950	4.7	4.27	0.0051	9.24	0.0114

Field Date:Nov. 29/90

Plot ID	Wash Water(ml)	Total Runoff(ml)	Lab TSS Conc (mg/l)	Lab TP Conc (mg/l)	True TSS Conc (mg/l)	True TP Conc (mg/l)	TSS Load (g/m2)	TP Load (g/m2)	Avg. TSS Load (g/m2)	Avg. TP Load (g/m2)
PC1	500	250	4100	4.9	12300	14.7	3.08	0.0037		
PC2	500	250	6600	5.4	19800	16.2	4.95	0.0041		
PC3	500	400	3800	3.9	8550	8.8	3.42	0.0035	3.82	0.0037
PT1	0	0	0	0.0	0	0.0	0.00	0.0000		
PT2	500	5500	4300	7.5	4691	8.2	25.80	0.0450		
PT3	500	2550	6800	6.4	8133	7.7	20.74	0.0195	15.51	0.0215

Rainfall Simulation Runs - Spring 1991

Field Date: April 3/91

Plot ID	Wash Water(ml)	Total Runoff(ml)	Lab TSS Conc (mg/l)	Lab TP Conc (mg/l)	True TSS Conc (mg/l)	True TP Conc (mg/l)	TSS Load (g/m2)	TP Load (g/m2)	Avg. TSS Load (g/m2)	Avg. TP Load (g/m2)
EC1	500	14450	5500	7.6	5690	7.9	82.23	0.1136		
EC2	500	8400	6600	7.6	6993	8.1	58.74	0.0676		
EC3	500	16500	12600	18.3	12982	18.9	214.20	0.3111	118.39	0.1641
ET1	500	5950	2800	5.0	3035	5.4	18.06	0.0323		
ET2	500	3600	2100	4.8	2392	5.5	8.61	0.0197		
ET3	500	6000	2200	3.7	2383	4.0	14.30	0.0241	13.66	0.0253

Field Date April 25,1991

Plot ID	Wash Water(ml)	Total Runoff(ml)	Lab TSS Conc (mg/l)	Lab TP Conc (mg/l)	True TSS Conc (mg/l)	True TP Conc (mg/l)	TSS Load (g/m2)	TP Load (g/m2)	Avg. TSS Load (g/m2)	Avg. TP Load (g/m2)
KC1	500	600	13500	16.4	24750	30.1	14.85	0.0180		
KC2	500	250	11400	13.4	34200	40.2	8.55	0.0101		
KC3	500	500	8600	13.9	17200	27.8	8.60	0.0139	10.67	0.0140
KT1	500	18700	990	1.6	1016	1.6	19.01	0.0303		
KT2	500	26750	880	1.6	896	1.7	23.98	0.0444		
KT3	500	23500	1270	0.1	1297	0.1	30.48	0.0016	24.49	0.0255

Field Date:May 3, 1991

Plot ID	Wash Water(ml)	Total Runoff(ml)	Lab TSS Conc (mg/l)	Lab TP Conc (mg/l)	True TSS Conc (mg/l)	True TP Conc (mg/l)	TSS Load (g/m2)	TP Load (g/m2)	Avg. TSS Load (g/m2)	Avg. TP Load (g/m2)
PC1	500	2000	4400	5.7	5500	7.1	11.00	0.0143		
PC2	500	3600	6200	7.0	7061	8.0	25.42	0.0287		
PC3	500	1750	9200	9.9	11829	12.7	20.70	0.0223	19.04	0.0217
PT1	500	10100	4000	10.1	4198	10.6	42.40	0.1071		
PT2	500	1500	8100	17.6	10800	23.5	16.20	0.0352		
PT3	500	250	2100	3.1	6300	9.3	1.58	0.0023	20.06	0.0482

Rainfall Simulation Runs - post harvest/pre-tillage 1991

Field Date September 24,1991

Plot ID	Wash Water(ml)	Total Runoff(ml)	Lab TSS Conc (mg/l)	Lab TP Conc (mg/l)	True TSS Conc (mg/l)	True TP Conc (mg/l)	TSS Load (g/m2)	TP Load (g/m2)	Avg. TSS Load (g/m2)	Avg. TP Load (g/m2)
EC1	500	2750	1330	1.9	1572	2.3	4.32	0.0063		
EC2	500	4700	1590	2.2	1759	2.4	8.27	0.0114		
EC3	500	1400	1420	1.6	1927	2.2	2.70	0.0031	5.10	0.0070
ET1	500	8450	1110	3.5	1176	3.7	9.93	0.0313		
ET2	1750	0	1120	2.9						
ET3	500	9600	1220	4.2	1284	4.4	12.32	0.0424	11.13	0.0369

Field Date:Oct.3, 1991

Plot ID	Wash Water(ml)	Total Runoff(ml)	Lab TSS Conc (mg/l)	Lab TP Conc (mg/l)	True TSS Conc (mg/l)	True TP Conc (mg/l)	TSS Load (g/m2)	TP Load (g/m2)	Avg. TSS Load (g/m2)	Avg. TP Load (g/m2)
KC1	500	3750	920	1.5	1043	1.7	3.91	0.0065		
KC2	500	1750	960	1.4	1234	1.9	2.16	0.0032		
KC3	500	5000	1860	0.2	2046	0.2	10.23	0.0010	5.43	0.0036
KT1	500	500	1070	2.1	2140	4.2	1.07	0.0021		
KT2	500	3500	930	2.1	1063	2.4	3.72	0.0084		
KT3	500	250	2300	1.9	6900	5.8	1.73	0.0014	2.17	0.0040

Field Date: Nov. 14, 1991

Plot ID	Wash Water(ml)	Total Runoff(ml)	Lab TSS Conc (mg/l)	Lab TP Conc (mg/l)	True TSS Conc (mg/l)	True TP Conc (mg/l)	TSS Load (g/m2)	TP Load (g/m2)	Avg. TSS Load (g/m2)	Avg. TP Load (g/m2)
PC1	500	2800	570	1.6	672	1.9	1.88	0.0052		
PC2	500	300	1230	1.3	3280	3.5	0.98	0.0011		
PC3	500	5000	610	1.4	671	1.5	3.36	0.0075	2.07	0.0046
PT1	0	3800	960	1.3	960	1.3	3.65	0.0048		
PT2	500	14950	1380	1.6	1426	1.7	21.32	0.0247		
PT3	500	5800	1510	1.3	1640	1.5	9.51	0.0084	11.49	0.0126

Rainfall Simulation Runs - post harvest/post tillage 1991

Field Date:Oct.23, 1991

Plot ID	Wash Water(ml)	Total Runoff(ml)	Lab TSS Conc (mg/l)	Lab TP Conc (mg/l)	True TSS Conc (mg/l)	True TP Conc (mg/l)	TSS Load (g/m2)	TP Load (g/m2)	Avg. TSS Load (g/m2)	Avg. TP Load (g/m2)
EC1	0	32	22000	24.0	22000	24.0	0.70	0.0008		
EC2	500	2850	4000	5.7	4702	6.7	13.40	0.0191		
EC3	500	5000	2300	5.1	2530	5.6	12.65	0.0281	8.92	0.0160
ET1	0	0	0	0.0	0	0.0	0.00	0.0000		
ET2	0	0	0	0.0	0	0.0	0.00	0.0000		
ET3	0	0	0	0.0	0	0.0	0.00	0.0000	0.00	0.0000

Field Date:Oct. 24,1991

Plot ID	Wash Water(ml)	Total Runoff(ml)	Lab TSS Conc (mg/l)	Lab TP Conc (mg/l)	True TSS Conc (mg/l)	True TP Conc (mg/l)	TSS Load (g/m2)	TP Load (g/m2)	Avg. TSS Load (g/m2)	Avg. TP Load (g/m2)
KC1	500	250	6100	6.9	18300	20.7	4.58	0.0052		
KC2	500	100	16100	13.2	96600	79.2	9.66	0.0079		
KC3	500	1500	4600	6.5	6133	8.7	9.20	0.0130	7.81	0.0087
KT1	500	500	1070	2.1	2140	4.2	1.07	0.0021		
KT2	500	3500	930	2.1	1063	2.4	3.72	0.0084		
KT3	500	250	2300	1.9	6900	5.8	1.73	0.0014	2.17	0.0040

Field Date:Nov. 14,1991

Plot ID	Wash Water(ml)	Total Runoff(ml)	Lab TSS Conc (mg/l)	Lab TP Conc (mg/l)	True TSS Conc (mg/l)	True TP Conc (mg/l)	TSS Load (g/m2)	TP Load (g/m2)	Avg. TSS Load (g/m2)	Avg. TP Load (g/m2)
PC1	0	0	0	0.0	0	0.0	0.00	0.0000		
PC2	0	0	0	0.0	0	0.0	0.00	0.0000		
PC3	0	0	0	0.0	0	0.0	0.00	0.0000	0.00	0.0000
PT1	0	3800	960	1.3	960	1.3	3.65	0.0048		
PT2	500	14950	1380	1.6	1426	1.7	21.32	0.0247		
PT3	500	5800	1510	1.3	1640	1.5	9.51	0.0084	11.49	0.0126

Rainfall Simulation Runs -Spring,pre-tillage 1992

Field Date May 04, 1992

Location	Wash Water(ml)	Total Runoff(ml)	Lab TSS Conc (mg/l)	Lab TP Conc (mg/l)	True TSS Conc (mg/l)	True TP Conc (mg/l)	TSS Load (g/m2)	TP Load (g/m2)	Avg. TSS Load (g/m2)	Avg. TP Load (g/m2)
EC1	500	4250	10700	12.0	11959	13.4	50.83	0.0570		
EC2	500	12800	5300	18.8	5507	19.5	70.49	0.2500		
EC3	500	5000	10500	10.9	11550	12.0	57.75	0.0600	59.69	0.1223
ET1	500	9250	8100	5.0	8538	5.3	78.98	0.0488		
ET2	500	6500	6000	8.3	6462	8.9	42.00	0.0581		
ET3	500	3750	2800	5.7	3173	6.5	11.90	0.0242	44.29	0.0437

Field Date: May 05, 1992

Location	Wash Water(ml)	Total Runoff(ml)	Lab TSS Conc (mg/l)	Lab TP Conc (mg/l)	True TSS Conc (mg/l)	True TP Conc (mg/l)	TSS Load (g/m2)	TP Load (g/m2)	Avg. TSS Load (g/m2)	Avg. TP Load (g/m2)
KC1	500	6500	4200	5.1	4523	5.5	29.40	0.0357		
KC2	500	8750	4400	5.0	4651	5.3	40.70	0.0463		
KC3	500	12500	5600	7.3	5824	7.6	72.80	0.0949	47.63	0.0590
KT1	500	11000	1320	2.0	1380	2.1	15.18	0.0230		
KT2	500	8250	1290	1.6	1368	1.7	11.29	0.0139		
KT3	500	15250	760	1.0	785	1.1	11.97	0.0162	12.81	0.0177

Field Date: May 14, 1992

Location	Wash Water(ml)	Total Runoff(ml)	Lab TSS Conc (mg/l)	Lab TP Conc (mg/l)	True TSS Conc (mg/l)	True TP Conc (mg/l)	TSS Load (g/m2)	TP Load (g/m2)	Avg. TSS Load (g/m2)	Avg. TP Load (g/m2)
PC1	500	5500	8200	9.5	8945	10.4	49.20	0.0570		
PC2	500	3500	8800	7.9	10057	9.0	35.20	0.0316		
PC3	500	9250	19200	26.0	20238	27.4	187.20	0.2535	90.53	0.1140
PT1	250	9250	1180	1.1	1212	1.2	11.21	0.0107		
PT2	500	1750	1680	1.4	2160	1.8	3.78	0.0031		
PT3	500	7500	1940	1.9	2069	2.0	15.52	0.0151	10.17	0.0096

Figure 1: Rainfall Simulation - Essex
Average TSS Load by Season

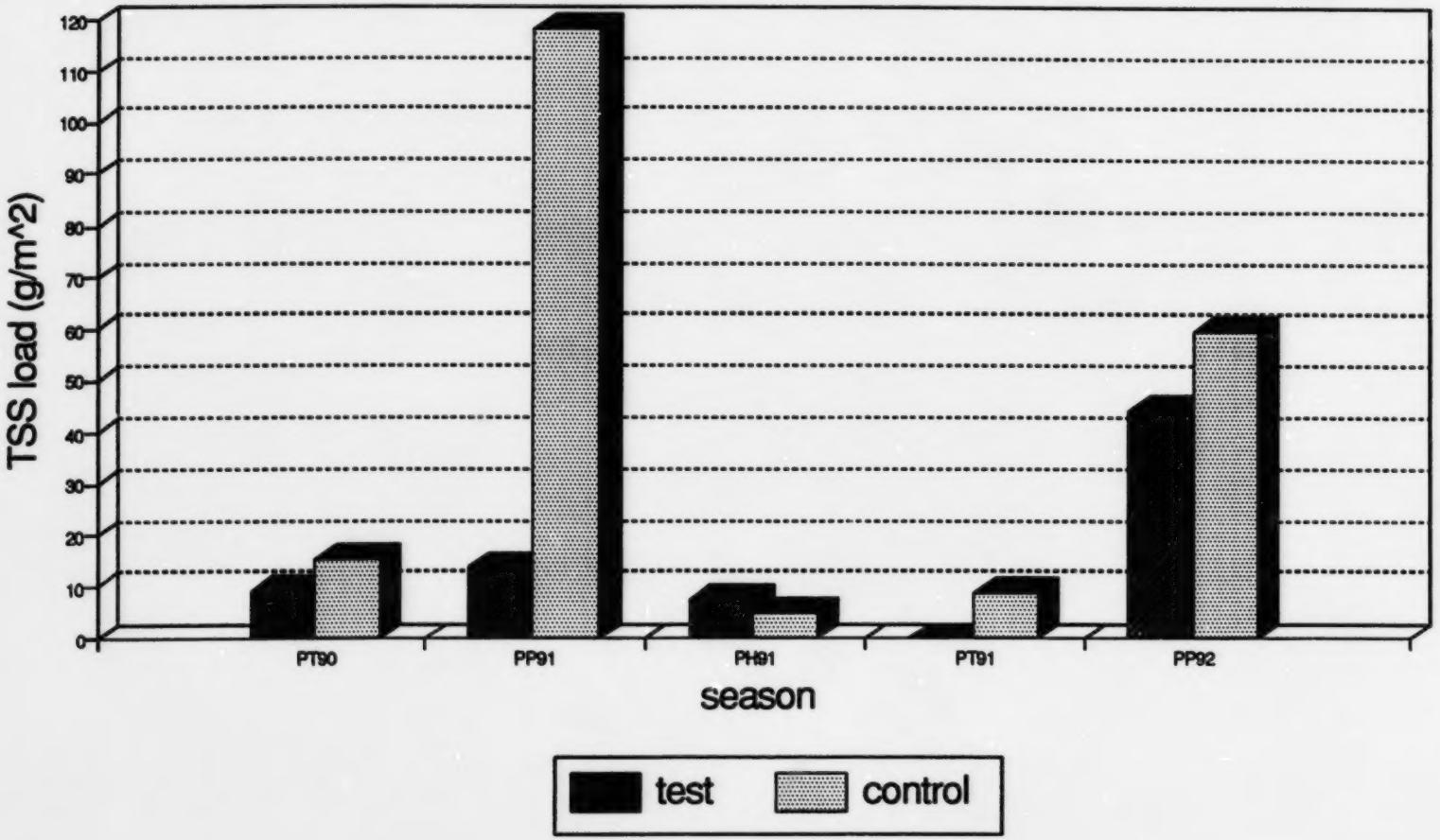


Figure 2:Rainfall Simulation: Kettle Average TSS Load by Season

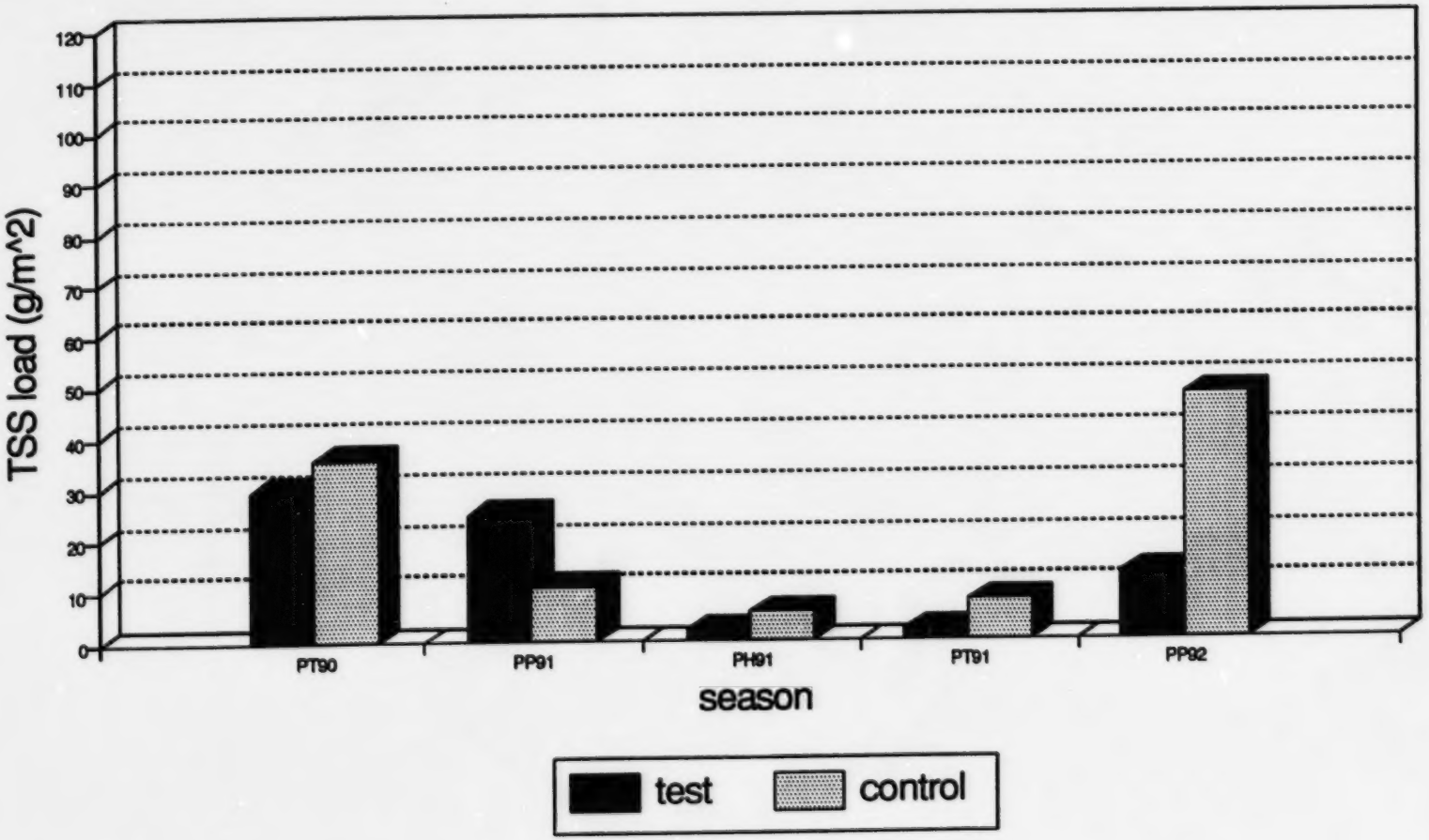


Figure 3:Rainfall Simulation -Pittock
Average TSS Load by Season

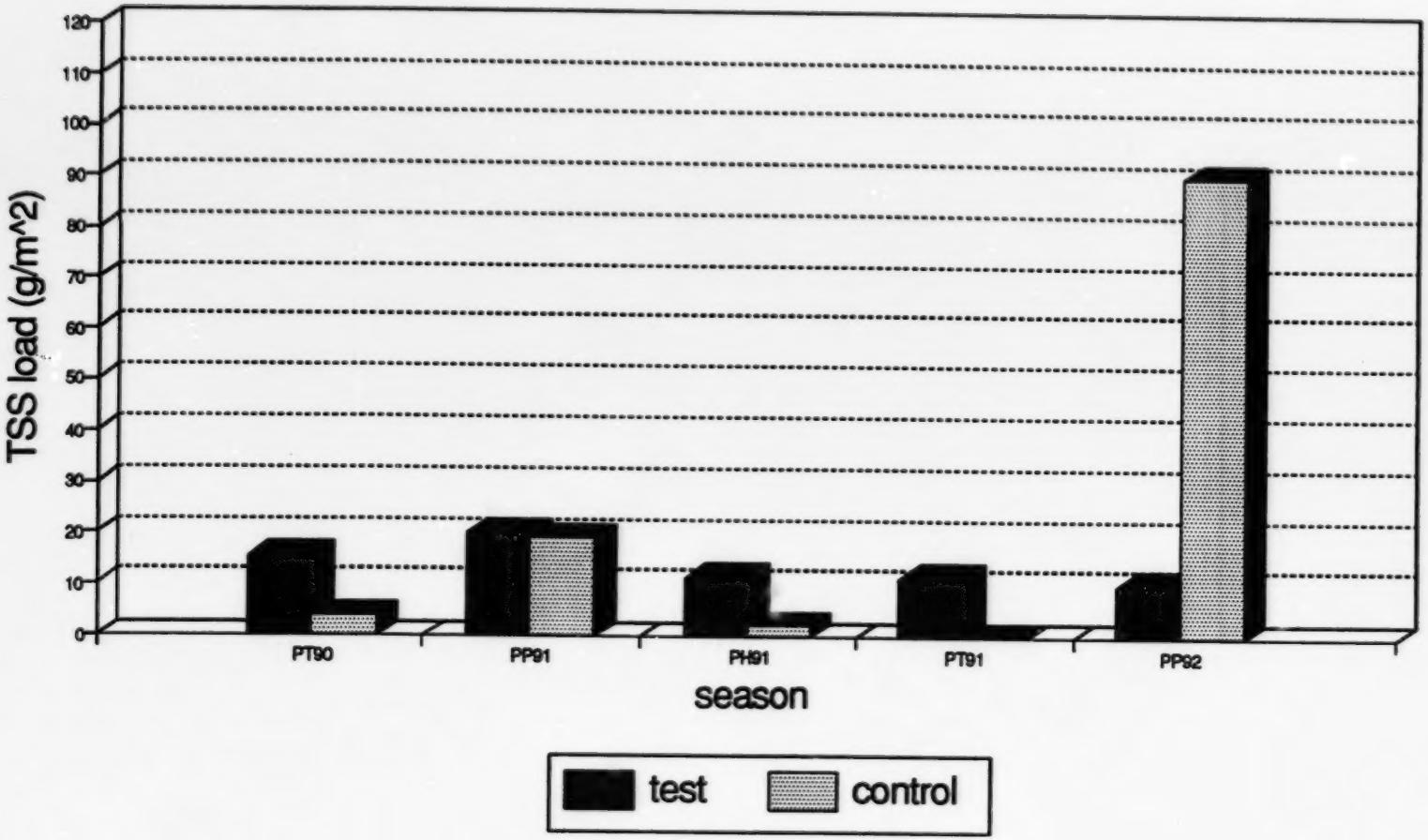


Figure 4: Rainfall Simulation - Essex
Average TP Load by Season

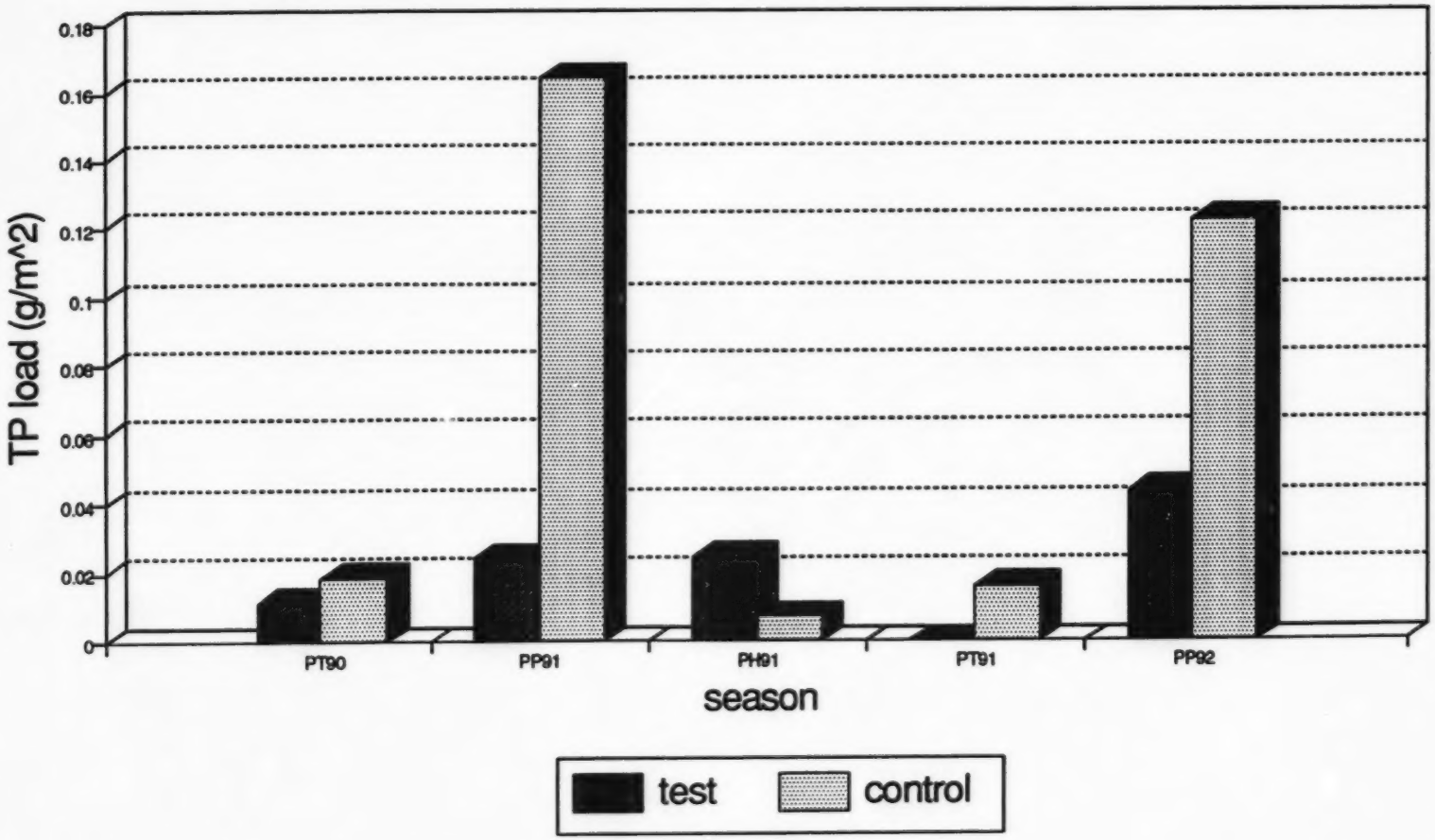


Figure 5:Rainfall Simulation - Kettle
Average TP Load by Season

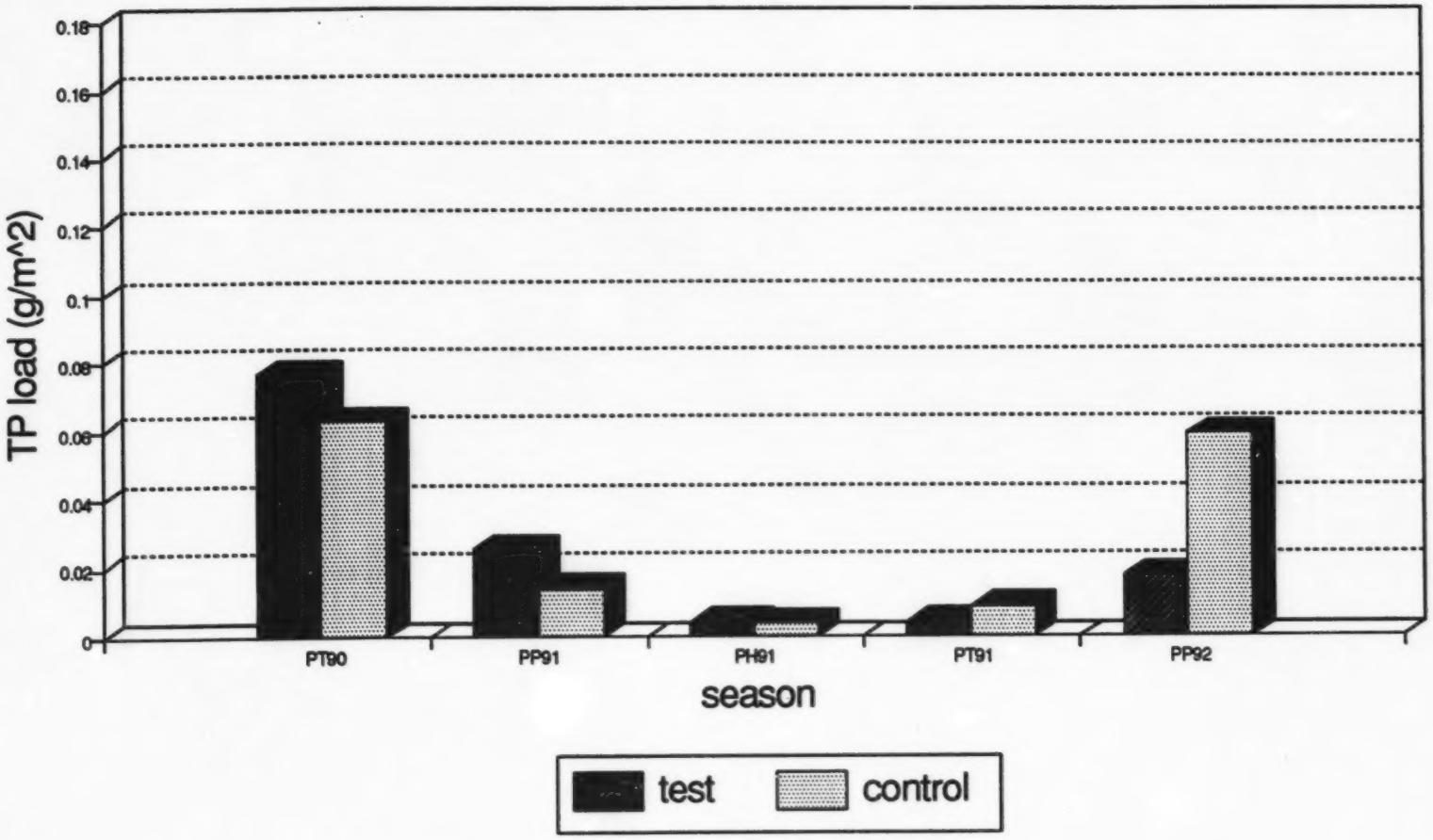
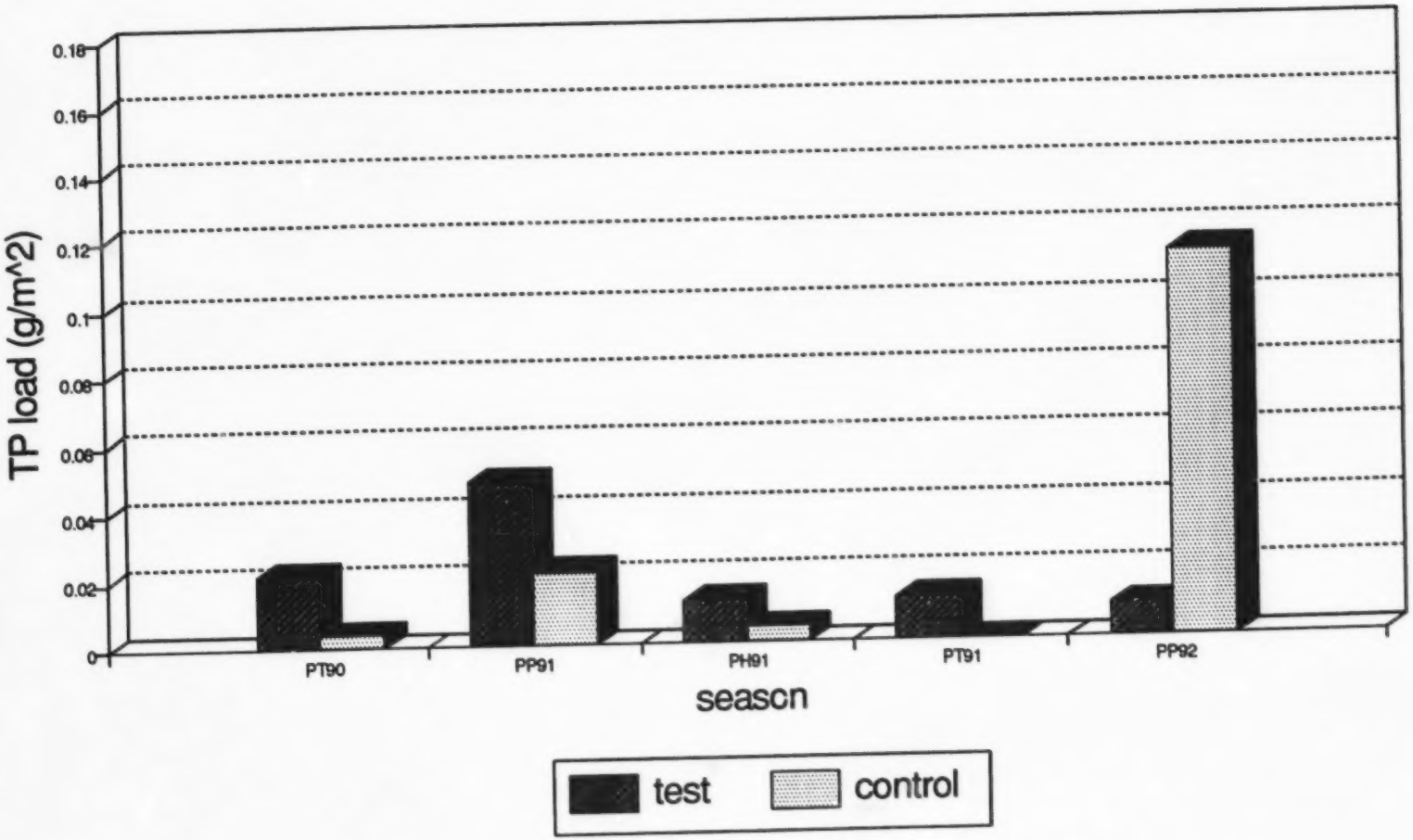


Figure 6:Rainfall Simulation -Pittock
Average TP Load by Season



APPENDIX E

GROUNDWATER CHEMISTRY

TP CONCENTRATION FOR ESSEX CONTROL GROUNDWATER 1 (ECGL1)

DATE (m/d/yr)	TIME (EST)	TP (mg/L)
20/06/89	1346	0.005
10/07/89	1002	0.012
24/07/89	1103	0.008
23/08/89	1438	0.026
11/09/89	1111	0.005
26/10/89	1008	0.004
09/11/89	1155	0.003
16/11/89	1303	<.001
07/12/89	1215	0.003
05/01/90	1224	0.002
30/01/90	1714	0.004
08/02/90	1731	0.005
05/03/90	1718	0.02
03/04/90	1052	0.018
14/05/90	1402	0.005
04/06/90	1057	0.002
23/08/90	1346	0.002
17/09/90	918	0.004
19/10/90	1029	0.065
05/03/91	1714	<0.002
03/04/91	1004	0.001
14/06/91	929	0.22
12/07/91	1246	0.54
30/10/91	1652	0.008
20/11/91	1045	0.005
10/12/91	1145	0.001
09/01/92		0.002
14/02/92		0.002
20/03/92	940	<0.002
08/04/92	853	<0.002
04/06/92	903	<0.002

AVG	0.041182
STD	0.118289
MAX	0.54
MIN	0

TP CONCENTRATION FOR ESSEX CONTROL GROUNDWATER 2 (ECGL2)

DATE (m/d/yr)	TIME (EST)	TP (mg/L)
20/06/89	1423	0.011
10/07/89	1018	0.007
24/07/89	1116	0.005
16/01/90	1643	0.003
30/01/90	1722	0.012
08/02/90	1738	0.026
05/03/90	1707	0.034
03/04/90	1113	0.016
17/09/90	932	0.012
19/10/90	1133	0.031
07/11/90	958	0.007
05/03/91	1732	<.001
03/04/91	1009	0.031
02/05/91	1200	0.001
14/06/91	936	0.24
12/07/91	1240	0.39
10/12/91	1149	0.004
09/01/92		<.002
14/02/92		0.002
20/03/92	945	0.002
08/04/92	857	<.002
04/06/92	909	0.002

AVG	0.036955
STD	0.091463
MAX	0.39
MIN	0

TP CONCENTRATION FOR ESSEX TEST GROUNDWATER 2 (ETGL1)

DATE (m/d/yr)	TIME (EST)	TP (mg/L)
20/06/89	1526	<.001
10/07/89	1039	<.001
24/07/89	1023	<.001
21/08/89	1200	<.001
11/09/89	1002	<.001
26/10/89	1049	<.001
09/11/89	1048	0.002
16/11/89	1238	0.002
07/12/89	1140	0.002
05/01/90	1141	0.002
30/01/90	1647	0.002
08/02/90	1752	0.003
05/03/90	1652	0.003
03/04/90	1206	0.007
14/05/90	1458	0.005
21/05/90	1149	0.002
04/06/90	1215	0.002
16/07/90	1212	0.33
23/08/90	1437	0.001
17/09/90	949	<.005
19/10/90	1211	0.004
07/11/90	1032	0.004
04/12/90	1041	0.25
05/03/91	1758	<.001
03/04/91	1021	0.012
02/05/91	1226	0.003
14/06/91	949	1.09
12/07/91	1227	0.41
30/10/91	1724	0.004
20/11/91	1016	0.007
09/01/92		0.002
14/02/92		0.003
20/03/92	958	<0.002
08/04/92	908	<0.002
04/06/92	1000	0.004

AVG	0.082692
STD	0.227883
MAX	1.09
MIN	0

TP CONCENTRATION FOR ESSEX TEST GROUNDWATER 2 (ETGL2)

DATE (m/d/yr)	TIME (EST)	TP (mg/L)
20/06/89	1444	0.003
10/07/89	1032	0.005
24/07/89	1013	0.004
21/08/89	1150	0.01
22/11/89	1236	0.004
07/12/89	1128	0.004
05/01/90	1131	0.002
30/01/90	1641	0.003
08/02/90	1747	0.006
05/03/90	1657	0.014
03/04/90	1150	0.011
21/05/90	1131	0.016
17/09/90	942	<.005
19/10/90	1148	0.013
07/11/90	1019	0.007
04/12/90	1037	0.35
05/03/91	1742	<.001
03/04/91	1017	0.022
02/05/91	1222	0.004
14/06/91	952	0.134
12/07/91	1231	3.4
30/10/91	1714	0.006
20/11/91	1021	0.007
09/01/92		<.002
14/02/92		0.003
20/03/92	954	<.002
08/04/92	904	<.002
04/06/92	958	0.005

AVG	0.181727
STD	0.706314
MAX	3.4
MIN	0

TP CONCENTRATION FOR KETTLE CONTROL GROUNDWATER 1 (KCGL1)

DATE (m/d/yr)	TP (mg/L)
09/11/89	0.003
06/04/90	0.039
13/04/90	0.013
19/04/90	0.012
27/04/90	0.022
18/05/90	0.013
31/05/90	0.002
07/06/90	0.052
16/06/90	0.052
05/07/90	0.028
16/08/90	0.001
31/08/90	0.031
10/09/90	0.017
28/09/90	0.003
05/10/90	0.003
05/10/90	0.011
30/10/90	0.005
22/03/91	0.068
05/04/91	0.008
25/04/91	0.004
23/05/91	0.002
10/06/91	0.003
05/07/91	0.004
28/10/91	0.013
15/10/91	0.002
30/11/91	<0.002
15/12/91	0.008
03/01/91	0.003
24/01/92	<.002
22/02/92	0.002
07/03/92	0.002
21/04/92	<.004
12/06/92	0.002

AVG	0.013281
STD.	0.01718
MAX.	0.068
MIN.	0

TP CONCENTRATION FOR KETTLE CONTROL GROUNDWATER 2 (KCGL2)

DATE (m/d/yr)	TP (mg/L)
26/07/89	0.01
27/09/89	0.011
16/10/89	0.009
23/10/89	0.008
09/11/89	0.005
19/03/90	0.017
29/03/90	0.013
06/04/90	0.007
13/04/90	0.004
19/04/90	0.009
27/04/90	0.004
03/05/90	0.009
09/05/90	0.005
18/05/90	0.005
31/05/90	0.003
16/06/90	0.048
05/07/90	0.001
16/08/90	0.016
27/08/90	0.004
31/08/90	0.006
10/09/90	0.007
28/09/90	0.002
05/10/90	0.002
30/10/90	0.004
20/11/90	0.001
10/01/91	0.001
27/02/91	0.003
22/03/91	0.01
05/04/91	0.049
25/04/91	0.003
10/06/91	0.002
05/07/91	0.002
23/05/91	0.002
15/10/91	0.003
28/10/91	<0.002
30/11/91	<0.002
15/12/91	0.004
03/01/92	0.004
24/01/92	0.002
22/02/92	0.002
07/03/92	0.002
21/04/92	<.004
12/06/92	<.002

AVG	0.006737
STD	0.010647
MAX	0.049
MIN	0

TP CONCENTRATION FOR KETTLE TEST GROUNDWATER 1 (KTGL1)

DATE (m/d/yr)	TP (mg/L)
21/08/89	19
01/08/89	0.88
30/11/89	18.4
19/03/90	4.1
29/03/90	0.06
06/04/90	0.015
13/04/90	0.01
19/04/90	0.009
27/04/90	0.019
03/05/90	1.31
09/05/90	0.007
18/05/90	0.002
07/08/90	0.113
16/08/90	0.29
27/08/90	0.05
31/08/90	0.042
10/09/90	0.016
28/09/90	0.016
30/10/90	0.011
20/11/90	<0.001
10/01/91	0.009
22/02/91	0.064
05/04/91	0.026
25/04/91	0.011
23/05/91	0.005
10/06/91	0.008
05/07/91	0.004
15/10/91	0.015
15/12/91	0.004
24/01/92	0.007
07/03/92	0.061
07/03/92	0.035
21/04/92	0.02
12/06/92	0.002

AVG	0.204548
STD	0.748029
MAX	4.1
MIN	0

TP CONCENTRATION FOR KETTLE TEST GROUNDWATER 2 (KTGL2)

DATE (m/d/yr)	TP (mg/L)
26/07/89	0.031
21/08/89	0.161
23/10/89	0.01
30/11/89	0.019
19/03/90	0.037
29/03/90	0.017
06/04/90	0.005
13/04/90	0.008
19/04/90	0.021
27/04/90	0.005
03/05/90	0.014
04/05/90	0.052
09/05/90	0.06
18/05/90	0.012
16/08/90	0.001
27/08/90	0.085
31/08/90	0.077
10/09/90	0.068
28/09/90	0.003
05/10/90	<.001
30/10/90	0.002
10/01/91	0.014
05/04/91	0.68
25/04/91	0.003
23/05/91	0.006
10/06/91	0.002
05/07/91	0.002
15/10/91	<0.002
30/11/91	0.007
15/12/91	0.019
24/01/92	0.005
07/03/92	.011
21/04/92	<0.004
12/06/92	<.002
AVG	0.040167
STD	0.121289
MAX	0.68
MIN	0

TP CONCENTRATION FOR PITTOCK TEST GROUNDWATER 1 (PTGL1)

DATE (m/d/yr)	TIME (EST)	TP (mg/L)
20/03/90	1419	0.035
10/04/90	1305	0.26
20/04/90	1740	0.118
13/05/90	950	2.4
14/05/90	930	0.21
16/05/90	1111	0.14
04/06/90	1346	0.043
09/07/90	900	0.3
16/07/90	810	0.007
24/07/90	835	0.166
18/09/90	1355	0.3
02/10/90	1447	0.027
02/10/90	1447	0.012
30/10/90	1056	0.014
12/02/91		0.063
26/03/91		0.003
26/03/91		0.133
19/04/91	845	0.057
09/05/91	930	0.5
24/05/91	905	0.45
11/06/91	1330	0.39
13/06/91	1010	0.23
27/06/91	720	0.59
10/01/92	1507	0.004

AVG	0.268833
STD	0.474912
MAX	2.4
MIN	0.003

TP CONCENTRATION FOR PITTOCK TEST GROUNDWATER 2 (PTGL2)

DATE (m/d/yr)	TIME (EST)	TP (mg/L)
30/05/89		0.025
26/06/89		0.076
20/07/89		7.9
03/08/89		0.71
14/08/89		2.7
13/05/90	715	0.088
13/05/90	920	0.072
14/05/90	910	0.025
16/05/90	1100	0.038
04/06/90	1320	0.039
09/07/90	835	0.61
16/07/90	800	0.015
24/07/90	812	0.038
18/09/90	1345	0.82
02/10/90	1435	0.004
30/10/90	1048	0.005
08/01/91		0.018
29/01/91	1150	0.052
29/01/91	1155	0.139
12/02/91		0.006
12/03/91		0.03
26/03/91		0.004
19/04/91	830	0.156
09/05/91	1003	0.33
24/05/91	844	0.21
11/06/91	1316	0.189
13/06/91	1022	0.28
27/06/91	715	0.056
10/01/92	1448	0.049

AVG	0.136375
STD	0.197555
MAX	0.82
MIN	0.004

TP CONCENTRATION FOR PITTOCK CONTROL GROUNDWATER 1 (PCGL1)

DATE (m/d/yr)	TIME (EST)	TP (mg/L)
20/07/89		3
12/03/90	1400	0.029
20/03/90	1450	0.077
10/04/90	1215	0.028
20/04/90	1650	0.103
13/05/90	640	0.56
13/05/90	840	0.191
14/05/90	845	0.066
16/05/90	1025	0.061
04/06/90	1245	0.032
16/07/90	730	0.031
18/09/90	1325	1.66
02/10/90	1405	0.008
30/10/90	1028	0.009
08/01/91		0.006
29/01/91		0.052
12/02/91		0.006
12/03/91		0.028
19/04/91	800	0.006
09/05/91	944	0.23
24/05/91	832	0.28
27/06/91	655	1.91
10/01/92	1430	0.058

AVG	0.246864
STD	0.503609
MAX	1.91
MIN	0

TP CONCENTRATION FOR PITTOCK CONTROL GROUNDWATER 2 (PCGL2)

DATE (m/d/yr)	TIME (EST)	TP (mg/L)
30/05/89		0.112
30/05/89		0.037
20/07/89		2.2
12/03/90	1425	0.019
20/03/90	1340	0.047
20/04/90	1715	0.056
13/05/90	900	0.24
14/05/90	858	0.065
04/06/90	1310	0.011
09/07/90	820	1.26
16/07/90	745	0.031
24/07/90	745	0.166
24/07/90	746	0.008
18/09/90	1335	0.82
02/10/90	1420	0.003
30/10/90	1037	0.004
08/01/91		0.004
29/01/91		0.074
12/02/91		0.006
12/03/91		0.049
26/03/91		0.001
19/04/91	825	0.002
09/05/91	950	0.3
24/05/91	840	0.34
13/06/91	1045	0.41
13/06/91	1111	0.46
27/05/91	705	0.23
10/01/92	1438	0.006

AVG	0.18448
STD	0.293367
MAX	1.26
MIN	0.001